

SHOW GROUNDS

751, OLD KENT ROAD LONDON. S. STEAM WORKS COVERING SEVERAL ACRES 747 to 755 OLD KENT ROAD S.E.

IRON BUILDING AND RUSTIC WORKS

SYLVAN GROVE,

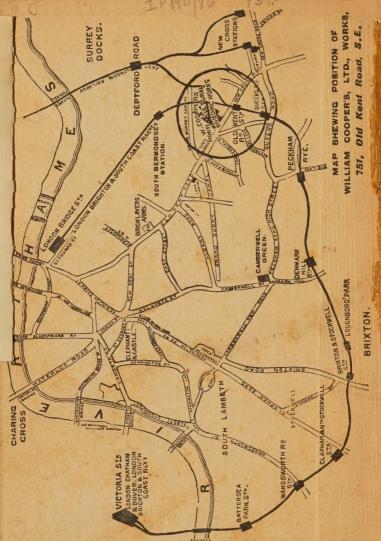
MOCH DING MELLIS CEASS SURGE WARRESTES

DEVONSHIRE GROVE

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Telephone No. 17548 1908

Telegramica "CONSCINUATIONICS, LONDON



Steam Works are situated in Devonshire Grove and adjoin the Office—751, Old Kent Road, two minutes' walk from Old Kent Road Station, to which trains run frequently from Victoria and London Bridge Stations (London, Brighton and South Coast, Railway), and 10 minutes' walk from New Cross Stations (London, Brighton and South Coast, and South Eastern Railways). Greenwich Trams from Westminster, Waterloo and Blackfriars Bridges pass the door. White Trams from St. George's Church stop at the door. Brixton Trams pass St. George's Church, and stop at the Lord Wellington, five minutes' walk, and 'Buses from Islington stop at the Shard Arms, three minutes' walk from the Works.

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## ILLIAM COOPER,

LIMITED,

# Horticultural Providers.

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Sylvan Grove (Adjoining).

MOULDING MILLS,
GLASS & IRON
WAREHOUSES:

Devonshire Grove

(Adjoining).

## WILLIAM GOOPER, Ltd, 751, Old Kent Rd, London, S.E. HORTICULTURAL PROVIDERS.

### TERMS.

List Prices and Estimates are fixed at low figures for cash transactions only. Remittances must accompany all orders for stock articles. Houses constructed to order: deposit, and balance when ready to pack on rail. Erections: deposit, and balance upon completion.

List Prices and Estimates are strictly net.

#### **DELIVERY.**

London Orders are delivered at a nominal charge on List Prices.

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### ERECTIONS.

List Prices and Estimates include all railway charges, carriage, men's fares, lodgings, &c. &c., but cartage from station on to site of erection must be arranged and paid for by the purchaser.

#### NOTE.

All goods are consigned at Owner's risk, unless special instructions are given to the contrary.

CHEQUES to be crossed "London and South Western Bank."
POST OFFICE ORDERS payable at 794, Old Kent Road.

Should you have no use for this Price List we shall feel much obliged if you will, with your kind recommendations, place it in the hands of your friends who are likely to require goods of our manufacture.

HORTICULTURAL PROVIDERS.

751, OLD KENT ROAD,

LONDON, S.E.

N publishing a Revised Edition of our Catalogue of Horticultural Buildings, Garden Frames, Poultry Appliances, Rustic Work, Iron Buildings, Heating Apparatus, &c., we beg to tender our best thanks to the Nobility, Clergy, Gentry, Architects, Builders, Nurserymen, Seedsmen, Market, Professional, and Amateur Gardeners, and all who have favoured us with their patronage in the past, and we take this opportunity of assuring them, and the public generally, that our constant study will be directed to their interests by continuing to supply substantial articles at the lowest remunerative prices, by which means alone our own interests can be served. Since the issue of our previous list, considerable additions have been made to our works, some departments being doubled and trebled in size, both in space and machinery, which latter is of the latest and most perfect description; by these means, and aided by a large staff of skilled workmen, we are enabled to keep pace with the continually-increasing demand for our manufactures.

Our well-known portable Greenhouses and Conservatories (tenants' fixtures, no brick setting being necessary) are constructed in complete sections—the sides fixing to the ends with screws; the roofs made in proportionate parts, according to length of houses, and furnished with suitable ventilators; and every part is carefully marked before leaving our works, thus affording facility for erection by any handy man, no skilled knowledge being necessary.

Where any purchaser desires a House erected complete by our staff, our charges will be found reasonable within a wide radius of London; beyond distances quoted special prices will be given upon application.

Our Iron Buildings have been in use sufficiently long to put them to the test in every possible way, and from the continually increasing demand for them it may fairly be said that they justify a claim superior to any class of structure, for similar use, that existed prior to their introduction.

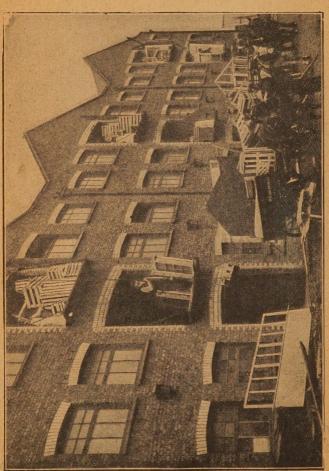
The Illustrations in this list show Elevations of a general character, but any deviations from the Designs can easily be made as desired, and special Drawings will be forwarded, together with Prices, upon receipt of Specification.

Several improvements, for which no extra charge is made, have been added to our Houses, a great variety of which are in stock and ready for immediate delivery. Any size not on hand, as also special sizes, can be placed on rail within three days from receipt of order.

The numerous unsolicited testimonials received afford ampleproof of the quality of the work sent out, and it is very gratifying to know it has given so much satisfaction. We have appended a few extracts from the larger number of testimonials received. The originals can be seen at our offices.

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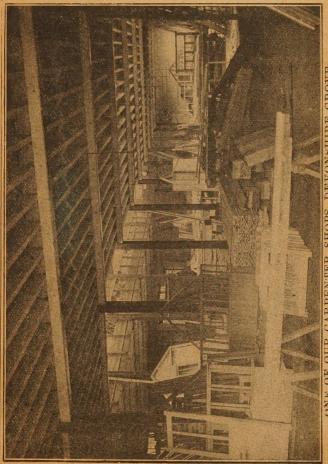
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WORKS (EACH FLOOR 120FT, LONG

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(Containing 250,000 cubic feet, the largest building allowed under one roof by the London County Council). ONE OF OUR CARPENTER SHOPS, DEVONSHIRE GROVE

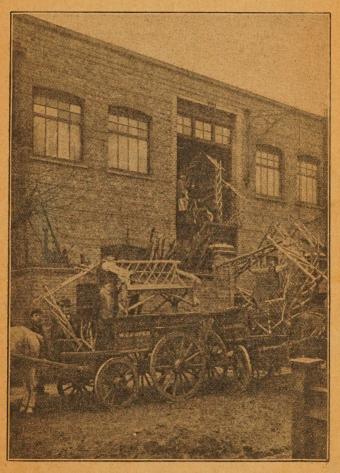
## WILLIAM GOOPER, Ltd, 751, Old Kent Rd, London, S.E. HORTICULTURAL PROVIDERS.



WOODEN BUILDING WORKS, DEVONSHIRE GROVE, AND ENTRANCE TO SHOW GROUND.

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## WILLIAM GOOPER, Ltd, 751, Old Kent Rd, London, S.E. HORTICULTURAL PROVIDERS.



RUSTIC WORKS, SYLVAN GROVE.

HORTICULTURAL PROVIDERS.

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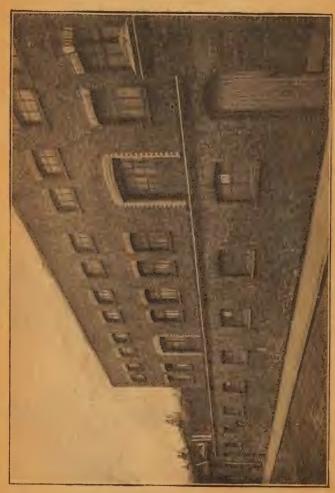
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## WILLIAM GOOPER, Ltd, 751, Old Kent Rd, London, S.E. HORTICULTURAL PROVIDERS.



OUR GLASS AND IRON WAREHOUSES, DEVONSHIRE GROVE.

### WILLIAM COOPER, Limited,

Iborticultural Providers,
751, OLD KENT ROAD, LONDON, S.E.

## SECTION I.



## Illustrated Catalogue

OF

CONSERVATORIES,
GREENHOUSES, VINERIES,
Orchid Houses,
Plant and Forcing Houses,

MELON AND CUCUMBER FRAMES,

Garden Frames, Forcing Pits, Handlights, &c., &c.

### EXTENSIONS AND REPAIRS.

We undertake these to any extent, and give Estimates for alterations of, or additions to, existing Houses and Heating  $\Pi$ pparatus.

### SURVEYS BY APPOINTMENT,

When any special designs are required we shall be pleased to let one of our Representatives wait upon Ladies or Gentlemen at their residences, in any part of the country, to take all necessary particulars, and we will then submit Designs and Estimates in accordance with his report.

HORTICULTURAL PROVIDERS.

### Messrs. Cooper's Appliances.

Being in the neighbourhood of Old Kent Road the other day we called at No. 751 to look over Messrs. Cooper's premises, and were so delighted with what we saw that we think a short account of our visit will interest many of our readers, who must be conversant with their advertisement which appears regularly in our columns. Messrs. Cooper removed to their present premises some few years ago, and although we knew a pretty brisk business was being carried on, we had no idea of the extent of their work. Passing through their front office we entered their yards and workshops, which occupy five acres of ground, and where scores of men were as busy as bees. The engines were working merrily and kept dozens of machines going, cutting, slicing, planing, grooving, mortising and tenoning planks into the various shapes and sizes required, whilst the joiners, carpenters, and painters were deftly plying their various occupations. On enquiry we found that employment is given to some hundred and fifty men in the Amateur Greenhouse Department alone, and whilst each one is fully engaged, there was no rushing or pushing, each one apparently knowing exactly his own work and sticking steadily to it, irrespective of his next-door neighbour. through the various parts of the Works we stopped every now and again to look on and handle some of the goods in course of construction, and were struck by their solid yet light make; certainly the workmanship all through, so far as could be judged by such casual observation and inspection, left nothing to be desired. We wondered how these goods were turned out so cheaply, but were not left long in doubt on seeing the immense stock of wood and glass that is always kept on hand. These purchases are made in very large quantities, and so can be bought at the cheapest rate. "Small profits and quick returns" is evidently Messrs. Cooper's motto. A tour round the premises reveals any number of greenhouses, forcing houses, propagators, stoves, boilers, garden lights, melon and cucumber frames, summer houses, poultry houses, coops, sitting boxes, pigeon houses, dog kennels, &c., both ready for sending away and in course of

Believing that the turnover at such a place must be both large and quick, we ventured to ask for a few figures, which we give for the benefit of those interested. The average number of letters received daily is 750. During 1902 there were sent out, amongst other things, 9602 greenhouses, 16,798 garden lights, 1565 melon frames, and 3791 poultry houses. One house we entered was crammed with hundreds of boxes of glass of various sizes, and on remarking as to the large quantity, were assured it was small, and that 3500 boxes were then at the Docks waiting delivery.

## WILLIAM GOOPER, Ltd, 751, Old Kent Rd, London, S.E. HORTICULTURAL PROVIDERS.

There are generally in stock some 500 greenhouses, &c., and 700 poultry houses and appliances, so there is little or no delay in despatching orders. Mr. Cooper is a most energetic man indeed, and the life and soul of the whole business, and is well backed up by his manager Mr. G. Paul, to both of whom we are indebted for a very pleasant and a very instructive visit.—POULTRY, Feb. 24th,

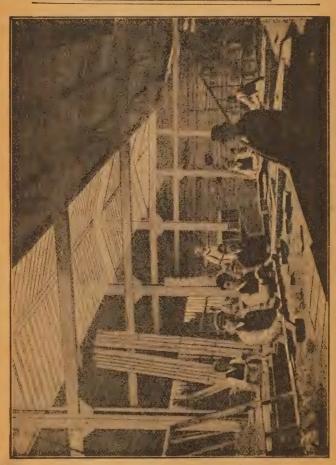
### Small Greenhouses.

I am thinking of building a small greenhouse, say 5 by 7, and shall be glad of your advice in the matter. I enclose a rough sketch of the garden: which would be best—a span-roof in position 2, or a lean-to in position 1? Also say the height in the centre and at the sides, and if the roof should be brought level with the staging, or side lights between the staging and roof. I should be glad of any other hints. I do not propose to heat the house.—A., Hornsey.

So far as aspect goes it is immaterial which position you choose, as both would get about an equal amount of sun, unless the lean-to were so near the dwelling as to be shaded by it during the afternoon. This we cannot gather from your sketch, as the distances are not indicated. However, we should prefer a span-roof at the end of the garden to a lean-to at the side. Are you proposing to build it yourself? If so, it is doubtful whether you will act wisely, unless you are experienced in the work. You will probably find it cost more, and give you less satisfaction, than if you purchase one of the small structures advertised by Messrs. Cooper. These are cheap and serve their purpose admirably. They are easily put together with screws, and if resting on a row of loose bricks are tenant's right fixtures. A house 7 by 5 feet (we presume this is what you mean) might be 7 feet high to the ridge and 4 feet to the eaves, having the stage about a foot below these. It could be boarded to the eaves. If you could have it 2 feet longer and a foot wider, with the same height to the ridge and eaves, you would have a very nice and useful house. Of course it would not be of much use in winter unless heated.]-Garden Work, Feb. 14.



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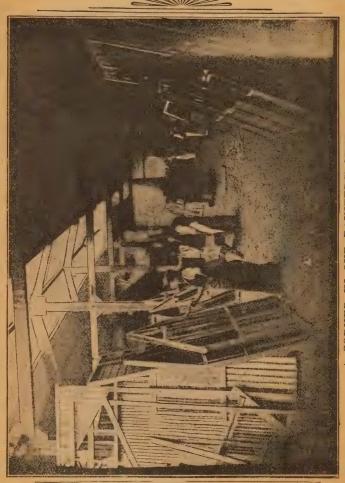
## WILLIAM GOOPER, Ltd, 751, Old Kent Rd, London, S.E. HORTICULTURAL PROVIDERS.





HORTICULTURAL PROVIDERS





A CORNER IN OUR PAINTERS' SHOP.

HORTICULTURAL PROVIDERS.

### Cheap Greenhouses.

EXTRACT FROM The Bazaar, DEC. 11th.

WE recently had an opportunity of inspecting the various Greenhouses made by Messrs. Cooper, of 751, Old Kent Road, London, and are pleased to be able to report favourably of them both as regards finish and price. Most of the houses are made portable—that is to say, so constructed as to be easily erected or taken down; and, as no brickwork is necessary, they are simply tenant's fixtures and removable at will—a point not to be lost sight of by persons residing in houses not their own property.

The Amateur's Forcing-house should prove just the thing for many amateurs and professional gardeners; for no brickwork setting is required, and the house, which is made in complete sections substantially constructed of red deal, can readily be erected by the purchaser, as all parts are carefully marked to show how they should be fitted together. These houses can be had in sizes varying from 7ft. long and 5ft. wide to 100ft. long and 10ft. wide, and at prices ranging from £2 10s. to £4 for the former, and from £45 to £65 for the latter.

Another Greenhouse which is specially worth the attention of amateurs, is the Amateur's Span-roof Greenhouse. Like the one previously noticed, the frame-work is of red deal, and the lower part filled in with tongued and grooved matchboards. It is a strong and inexpensive structure that can be fixed by any handy-man in a few hours. For this class of house of similar dimensions to those previously mentioned, the price varies from £2 16s. to £50.

Messrs. Cooper make a number of other very good and cheap houses, as well as one or two varieties of Garden-frames. One very useful kind is their Span-roof Garden-frame, to be had in sizes varying from 4ft. to 24ft., and at prices from £1 8s. to £8 10s.

A very good illustrated price-list of the various Frames, Greenhouses, &c., made by this firm, has been issued, and it will be found very useful to country readers. Those, however, who reside in or near London would find it worth their while to pay a visit to the Works and make their selection, as there is a very large stock from which to choose.

### "Invincible" Hot-water Apparatus.

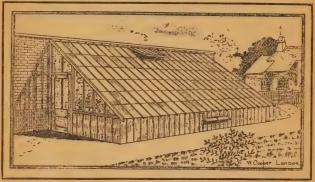
WILL Mr. W. P. Wright please say whether the "Invincible" Hotwater apparatus represented by Messrs. Cooper's advertisement is a good one for a small house?—S. B.

[Yes. This is an excellent boiler, and you would no doubt be quite satisfied with it. It is a broad boiler with a good fire base, with ashpit, stoking and feeding doors; has 4in. pipes and an expansion cistern.—W. P. W.]—Garden Work.

HORTICULTURAL PROVIDERS.

### The Amateur Forcing House.

TENANT'S FIXTURE-LEAN-TO.



No. 1.

Wherever a Lean-to is required, this will be found an excellent House. It is offered at a very low rate, and as a tenant's fixture can be easily removed.

SPECIFICATION.—Framework substantially constructed of red deal; the whole of sides, and 2ft. 6in. of ends, boarded with well-seasoned tongued and grooved matchboards; half-glass door, complete with rim lock and brass fittings, in one end; glass 16oz. throughout; ventilators supplied, according to size of House, and stays necessary for opening same; stages for plants entire length of House. All woodwork painted one coat of good oil paint, and the whole structure securely packed on rail, being carefully marked in readiness for erection, or delivered, erected and glazed, with extra coat of paint at Works, within 50 miles of London Bridge (beyond this distance special prices will be quoted upon application) at the following respective prices:—

								· E	rected	within	n
					Pa	cked or	n ra	ıil.	50 mi	les.	
Length	l. ''	Width	l.	Height.		£ s.	d.		£ s.	d.	
7ft.		5ft.		7ft.		2 5	0		4 5	0	
8ft.		5ft.		7ft.		2 15	0		4 15	0	
9ft.		6ft.		7ft. 3in.		3 5	0		5 10	0	
10ft.		7ft.		7ft. 6in.		3 15	0		6 5	0	
12ft.		8ft.		8ft.	1.3.	4 12	6		7 10	0	
15ft.		9ft.		8ft. 6in.		6 10	0		9 15	0	
20ft.		10ft.		9ft.		8 5	0		12 5	0	
25ft.		10ft.		9ft.		10 0	0		15 0	0	
50ft.		10ft.		9ft.		18 0	0		33 0	0	
100ft.		10ft.		9ft.		35 0	0		65 0	0	

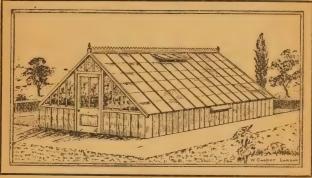
In ordering, it should be stated at which end door is to be inserted when facing House from outside. 21oz. glass throughout 10 per cent. extra.

Tarred Sleepers to erect this house on, 3d. per foot run.

HORTICULTURAL PROVIDERS.

### The Amateur Forcing House.

TENANT'S FIXTURE-SPAN ROOF.



No. 2.

The constantly increasing demand for Forcing Houses has caused special attention to be given to this class of house, both with regard to construction and economy. As shown in the above illustration, brickwork is entirely dispensed with, thus effecting a considerable saving.

It is suitable for both professional and amateur gardeners, and good

crops of cucumbers, tomatoes, melons, &c., can be grown.

SPECIFICATION.—Framework substantially constructed of red deal; the whole of sides and 2ft. 6in. of ends, boarded with well-seasoned tongued and grooved matchboards. Half-glass door, complete with rim lock and brass fittings in one end; glass 16oz. throughout; ventilators supplied according to size of house, and stays necessary for opening same; stages for plants each side of house. All woodwork painted one coat of good oil paint, and the whole structure securely packed on rail (being carefully marked in readiness for erection), or delivered erected and glazed, with extra coat of paint at Works, within 50 miles of London Bridge, at the following respective prices (beyond this distance, special prices will be quoted on application):

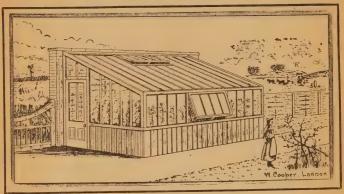
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			6			7 0	 . 3	10	0		5	15	Ō	
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12			. 8			8 0	 . 5	Õ	Õ		7	17	6	
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50			10			9 0	 20	ň	ŏ		35	ň	n	
	9	1		1	i		 3 0				00	v	v	

21oz. Glass throughout, 10 per cent. extra. Tarred Sleepers to erect this house on, 3d. per foot run.

HORTICULTURAL PROVIDERS.

### Amateur Lean-to Greenhouse.

TENANT'S FIXTURES.



No. 3.

This Greenhouse is substantially constructed, and can be fixed to any wall. As a tenant's fixture it can be easily removed at will, and being made in separate parts, all of which are marked, it can readily be put

together without skilled knowledge.

SPECIFICATION.—The framework is red deal, the lower part being filled in with good, sound, well-seasoned, tongued and grooved matchboards. The house is fitted with door, complete with rim lock and brass furniture, painted one coat of good oil colour, supplied with all necessary ironwork and stage for one side, and good 16oz. glass throughout. Securely packed on rail, or delivered, erected and glazed complete, with an extra coat of paint at Works, within 50 miles of London Bridge, at the following respective prices (beyond this distance special prices will be quoted on application):

7	.011):										Pac	ked	on	E	rected	with	in
	Length	. W	idt!	h.	He	ight			Cave	es.	on	ra	il.		50 mil		
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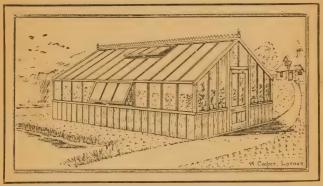
21oz. Glass for roof 5 per cent., throughout 10 per cent. extra.
When ordering, please state which end the door is required (when facing front of house from outside).

Tarred Sleepers to erect this house on, 3d. per foot run.

HORTICULTURAL PROVIDERS.

### Amateur Span-Roof Greenhouse.

TENANT'S FIXTURE.



No. 4.

This illustration shows a type of Greenhouse eminently adapted for amateurs, and at the exceedingly low prices at which it is offered, in various sizes, it is within the reach of every lover of flowers.

It is constructed in sections marked for putting together, and it can be easily fixed by any handy person in a short space of time.

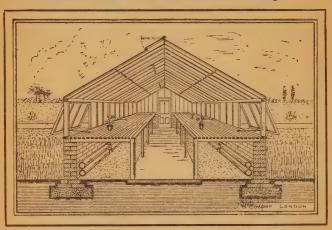
SPECIFICATION.—The framework is substantially constructed of red deal, the lower part being filled in with good, sound, well-seasoned, tongued and grooved match-boards. The House is fitted with door, complete with rim lock and brass furniture, painted one coat of good oil colour, supplied with all necessary ironwork and stages for each side, and good 16oz. glass throughout. Securely packed on rail, or delivered, erected and glazed complete, with extra coat of paint at Works, within 50 miles of London Bridge, at the following prices (beyond this distance special prices will be quoted on application):

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Length.	V	Vidt	h.	Hei	ght.	Te	E	aves	. Pa	cked o	n r	ail.	50 mi	les.	
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		par.		. 7	0		4	0		3 5	0		5 5	0	
9.		6		7	3		4	0		3 15	0		6 0	0	
10 .		7		7	6		4	6		4 10			7 0	0	
12		8		. 8	0		5	0		5 15	0		8 12	6	
15 .		9		. 8	6		5	0		7 10			11 0.		
20 .		10		. 9	0		5	6		9 15	0		14 0	0	
25 .		10		9	0			6		13 0			18 0	0	
30 .		12		. 9	0		5	6		18 0	0		25 0		
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40		14		10	Ω		6	0		32 0	0		45 0	0	

21oz. Glass for roof 5 per cent., throughout 10 per cent. extra. Tarred Sleepers to erect this house on, 3d. per foot run.

## WILLIAM COOPER, Ltd, 751, Old Kent Rd, London, S.E. HORTICULTURAL PROVIDERS.

### Inside View of Span-Roof Amateur Greenhouse and Villa Conservatory.



No. 5.

We undertake all Brickwork (in 9in. work) with necessary footings at 1s. 6d. per foot super., measuring from concrete, also door space. Plans for bricklayer free of charge to customers supplying their own brickwork.

5, East View Terrace, Charles Street, Westree, Maidstone.
"Sir,—Greenhouse was received on the 1st April. I am very pleased with
it. I have not unpacked glass, but it seems all right, with thanks.—Yours
faithfully, (Signed) A. Knowlden, C.B."

"Dear Sirs,—I write to say how very pleased I am with the Greenhouse, and also wish to say I am extremely pleased with the manner in which your men have erected the House, being both quick and obliging.—Yours taithfully, (Signed) A. A. CHANCELLOR."

Vale House, Monckton Combe, Bath.

"Sir,—I have received the Cucumber House safely. I am very well satisfied with the order you have executed for me. I am, yours, faithfully, (Signed) (Chas. A. M. Hallewell."

MR. W. COOPER, 751, Old Kent Road, S.E.

Priory Nurseries, Brecon.

Messrs. Cooper and Co.

Gentlemen,—Cucumber House to hand. I am very pleased with same.—

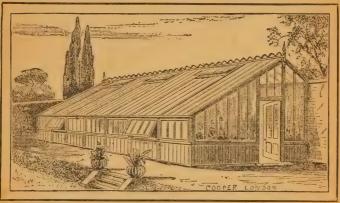
Yours truly,

F. Griffiths."

28

HORTICULTURAL PROVIDERS.

### Amateur Three-quarter Span-Roof Greenhouse.



No. 6.

The advantages of this house will be apparent on a glance at the illustration, which shows a combination of the span-roof and lean-to principles.

SPECIFICATION.—The framework is substantially constructed of red deal, the lower part being filled in with good, sound, well-seasoned, tongued and grooved matchboards. The house is fitted with door. complete with rim lock and brass furniture, painted one coat of good oil colour, supplied with all necessary ironwork and staging along one side. Good 16oz. glass throughout. All parts are carefully marked, securely packed on rail, or delivered, erected, and glazed complete, with extra coat of paint at Works, within 50 miles of London Bridge, at the following respective prices (beyond this distance, special prices quoted on application):

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25 .		10	 9	0		5	6		12 10	0		17 10	0	

21oz. Glass for roof, 5 per cent., throughout 10 per cent. extra.

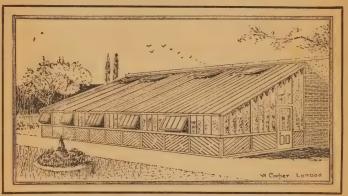
When ordering kindly state height of wall, also at which end door is to be fitted.

Tarred Sleepers to erect this house on, 3d. per foot run.

HORTICULTURAL PROVIDERS.

### Lean-to Villa Conservatory.

TENANT'S FIXTURE.



No. 7.

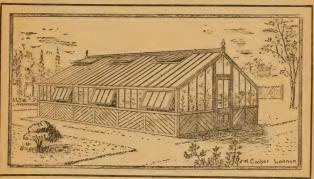
This Lean-to Conservatory is of superior construction; it is a necessary adjunct to all well-appointed walled-in gardens, and it will be found useful for a variety of purposes to which a conservatory can be applied.

SPECIFICATION.—The framework is substantially built of red deal, the lower part being enclosed with matchboards, tongued and grooved in diagonal panels, the wood being sound and thoroughly seasoned. The House is provided with half-glass door, complete with rim lock and brass fittings, lattice staging for plants, footpath the entire length of house; gutters and downpipes, glass 21oz. throughout, and all necessary fittings, and is painted one coat of good oil paint. Houses are securely packed on rail, all parts being carefully marked, or delivered, erected and glazed, with an extra coat of paint at Works, within 50 miles of London Bridge, at the following respective prices (state which end door is required when ordering):

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	8		5		. 7	0	 4	0		4 :	15	0		. 6	15	0	
	9		6		. 7	6	 4	6		6	5	0		. 8	10	0	
	10		7		. 7	6	 . 5	0		7	0	,0		. 9	10	0	
	12		8		. 8	6	 5	6		8	0	0		. 11	0	0	
	15		9		8	6	 5	6		10	5	0		. 14	10	0	
	20		10		. 9	0	 6	0		15	0	0		20	10	0	
	25		10		9	0	 6	0		18	10	0		24	10	0	
	50		12		. 9	0	 6	0		35	0	0		45	0	0	
	100		12		9	0	 6	0		55	n	0		75	0	0	

If required for brickwork, deduct 10 per cent.

### Span-Roof Villa Conservatory.



No. 8.

This illustration shows a well-made Span-Roof Conservatory, placed in grounds away from the house; being exposed, not only to view, but to the elements, it is so proportioned, both in substance and design, as to render it durable and effective.

SPECIFICATION.—The framework is of red deal. The lower part is lined with tongued and grooved matchboards, in diagonal panels, giving artistic finish. The house is fitted with a half-glass door, complete with rim lock, brass fittings, and key, and is supplied with lattice staging for each side; footpath the entire length of house; gutters and downpipes; top and side ventilators, according to size, and necessary ironwork for opening same. All woodwork painted one coat of good oil paint; good 2loz. glass throughout, and all parts securely packed on rail (being properly marked), or delivered, erected and glazed (with an additional coat of paint at Works), within 50 miles of London Bridge, at the following respective prices (beyond this distance special prices will be quoted on application):

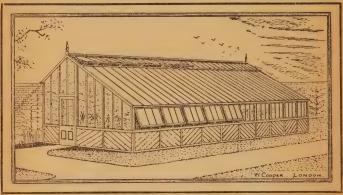
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8		5		7	0		-4	0		5	0	0		7	Ō	0
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12		8			0		5	6		9	0	0		12	0	0
15		9		8	6		5	6		11	0	0		15	10	Õ
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25		10		9	0		6	0		-20	0	0		27	ŏ	Õ
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35		14		10	0		6	0		40	0	0		55	Õ	ñ
40	arafa a	14		10	0		6	0		45	0	0.		65	0	0

Deduct 10 per cent. if required for brickwork. Tarred Sleepers to erect this house on, 3d. per foot run.

HORTICULTURAL PROVIDERS.

### Three-Quarter Span-Roof Conservatory.

TENANT'S FIXTURE.



No. 9.

This is a very useful form for Plant-houses or Vineries, more especially where the back wall is not high enough for a Lean-to; as by adding extracts for brickwork to the price of latter, it will then at once be perceived to be in favour of the Three-quarter, Span; moreover, plants will grow much

to be in favour of the Three-quarter Span; moreover, plants will grow much better, the House is made of the best materials, well and substantially built, and so constructed that any handy man can put it together, and is artistically finished with diagonal panels. The whole of framework consists of good sound 3in. by 2in. and 3in. by 3in. red deal, the lower part doubly lined with tongued and grooved matchboards. The House is supplied with 2loz. glass throughout, half-glass door, rim lock, key, and brass fittings for same, two plant stages the length of both sides, and foot-path for centre. Continuous ventilators, the entire length of House, at ridge and in front, and necessary Ironwork for opening same, also gutters and downpipes. Woodwork is painted two coats good oil colour. Houses are securely packed on rail (all parts being carefully marked), or delivered, erected, and glazed (with an extra coat of good oil paint after glazing) within 50 miles of London Bridge at the following respective prices:—

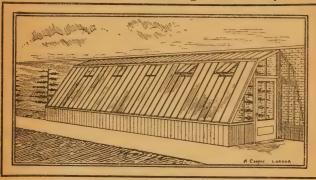
Packed on Erected within

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8		5		7	0		4	0		5	10.	0		8	15	0	
9		6		7	6		4	6		6	10	0		10	.10	0	
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15		9		9	0		6	0		11	0	0		18	0	0	
20		10		9	0		6	0		16	0	0		25	0	0	
25		10		, 9	0		6	0		21	0	0		32	0	0	
50		12		9	0			0		40	0	0		60	0	0	
100		12			0			0		70		0		100	0	0	
			Do	duct	10	nor	CATT	t 11	ffor	bric	Lr 337	Ark					

For Heating Apparatus suitable for above house, see Section VII.

### Glazed Cover for Fruit Walls.

Invaluable to those who value their fruit, and are desirous of protecting it, thus securing a heavier crop.



No. 10.

This illustration shows a Cover, with sloping front, which allows for a narrow walk and for fruit trees in pots near the glass. It can be adapted to walls of different heights, and is also made in three widths.

SPECIFICATION.—Framework substantially constructed of red deal; the whole of sides, and 2ft. 6in. of ends, boarded with well-seasoned tongued and grooved matchboards. Half-glass door, complete with lock and brass fittings, in one end; glass 2loz. throughout; ventilators supplied, according to size, and necessary ironwork for opening same; stages for plants entire length of Cover. All woodwork painted one coat of good oil paint, and the whole structure securely packed on rail (being carefully marked in readiness for erection), or delivered, erected and glazed, with extra coat of paint at Works, within 50 miles of London Bridge, at the following respective prices:—

Length.	Width.	0		ail.				vithin nplete	
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40 60	 6 7	 27 42	10	0	• • • • • • •	36 55	0	0	
100	 Ř	 70	10	ñ		90	0	0	

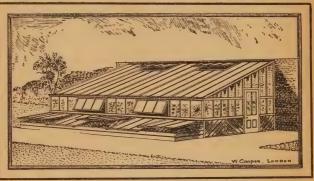
Please state height of back wall when ordering, also which end door is required when facing house.

Other sizes and for erecting in any part of the country at proportionate prices.

For Heating Apparatus suitable for above cover, see Section VII. Tarred Sleepers to erect this cover on, 3d. per foot run.

HORTICULTURAL PROVIDERS.

### Lean-to Conservatory with Pit.



No. 11.

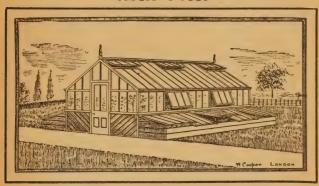
This Lean-to Conservatory, with Pit, is of superior construction. It is a necessary adjunct to all well-appointed walled-in gardens, and it will be found useful for a variety of purposes to which a Conservatory can be applied.

SPECIFICATION. -The framework is substantially built of red deal, the lower part being enclosed with matchboards tongued and grooved, the wood being sound and thoroughly seasoned, and the front finished with diagonal panels, as illustrated. The house is provided with half-glass door, complete with rim-lock and brass fittings, lattice staging for plants; footpath entire length of house; gutters and downpipes; glass 21oz. throughout, all necessary fittings, and is painted two coats of good oil paint. Houses are securely packed on rail (all parts being carefully marked), or delivered, erected and glazed (with an extra coat of paint after erecting), within 100 miles of London Bridge, at the following respective prices (beyond this distance special prices will be quoted on application):

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7		5		7	0		4	0		2	0		6 0	0	8	10	0
8 .	•	5		7	0		4	ő		2	Ö	• •	6 10	ŏ	 9	15	0
9 .	•	6	• •	7	6	. * *	4	6			Õ	• •	8 0	n	 11	10	0
10 .	•	7	٠.	7	6	• •	5	ŏ		2	6		9 0	0	 13	0	0
12	•	8		- 8	6	• •	5	6	• •	3	ō.	•	10 10	0	 15	10	0
15	•	9	• • •	8	6		5	6	•	3	0		13 15	0	 19	0	0
20	•	10		9	0	• •	6	0.	•••	3	õ		17 10	0	 24	0	0
25 .		10		9	ő			0			ŏ		.22 0	0	 31	0	0

When ordering, it should be stated at which end the door is required, when facing front of house from outside.

## Span-Roof Conservatory with Pits.



No. 12.

This illustration shows a well-made Span-roof Conservatory, with Pits each side, placed in grounds away from the House; being exposed not only to view, but to the elements, it is so proportioned, both in substance and design, as to render it durable and effective.

SPECIFICATION.—The framework is of red deal, the lower part lined with tongued and grooved matchboards, as illustration.

The house is fitted with a half-glass door, complete with rim-lock, brass fittings, and key, and is supplied with lattice staging for each side; footpath the entire length; and side and roof ventilators, according to size, and necessary ironwork for opening same; gutters and downpipes. All woodwork painted two coats of good oil paint, good 21oz. glass throughout, and all parts securely packed on rail, being properly marked, or delivered, erected, and glazed, with an additional coat of paint after erecting, within 100 miles of London Bridge, at the following respective prices (beyond this distance special prices will be quoted on application):

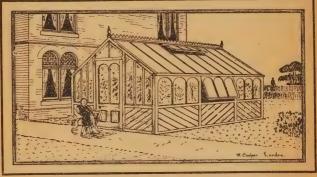
1 1																				
	,	Wie	dth	of				To	)	1	Wid			ıck					within	n
	Lengt	h. I	Hou	se.	He	igh	t.	Eav	es.		Pi	ts.	on	Ra	til.		100	mi	les.	
	ft.		ft.		ft.	in.		ft.	in.		ft.	in.	£	S.	d.		£	S.	d.	
	7		5		7	0		4	0		2	0	 6	10	0		9	0	0	
	8		5		7	0		4	0		2	0	 7	0	0		10	5	0	
	9		6		7	0		4	6		2	0	 8	10	0		12	0	0	
	10		7		7	6		5	0		2	6	 9	10	0		13	10	0	
	12		8		8	Õ			6			0	 77	5	0		16	5	0	
	15		9		8	6			6			Õ	14	0	0		20	0	0	
	20	• •	70	• • •	a	'0			õ	-1	3	ŏ	 18	ñ	ñ	• •	25	0	0	
	25		10		á	0			0		3		 22	0	ñ		32	0	0	

Zinc Gutters, 6d., iron 9d. per foot run. For Heating Apparatus suitable for above house, see Section VII. Tarred Sleepers to erect this house on, 3d. per foot run.

HORTICULTURAL PROVIDERS.

## Span-Roof Circular Light Conservatory.

TENANT'S FIXTURE.



No. 13.

This Conservatory is of ornamental design and artistic finish, and the materials employed in its construction are selected with the greatest regard for substantiality.

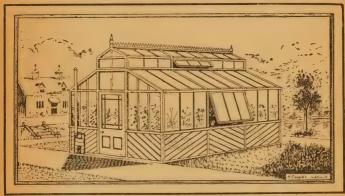
seasoned red deal, and the lower part is enclosed with diagonal panels, with tongued and grooved matchboards, lattice staging for plants on each side of the house; footpath the entire length. Gutters and downpipes. Ample ventilation on the most approved plan is given, according to the size of the house; rim-lock, with brass fittings and key for door; and all necessary ironwork and fittings provided, including 2loz. glass throughout, and carefully packed. Each house is made in sections; each part is carefully numbered, so that any handy person can fit it in a few hours. The whole of the woodwork is painted one coat good oil paint. Securely packed on rail, or delivered erected and glazed (with extra coat of good oil paint at works) within 50 miles of London Bridge, at the following respective prices (beyond this distance, special prices quoted on application):

										Pac	ked	on		Erected	within	
Length.		Width.		Height.		. 3							50 miles.			
ft.		ft.		ft.	in.		ft.	in,		£	S.	d.		£ s.	. d.	
										5	10	0		7 10	0	
8		5		7	0		4	0		6				8 0		
9		6		7	0		4	6		7	0	0		9 10	0	
10		7		7	6		4	6		8	10	0		. 11 0	U	
12		. 8		8	0		5	0		10	0	0		13 0	0	
15		9		8	6		- 5	3		14	0	0		18 10	0	
18		12		9	6		5	6		19	0	0		25 10	0	

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HORTICULTURAL PROVIDERS.

### Lantern-Roof Conservatory.



No. 14.

This handsome elevation is recommended for a prominent position in the grounds of a villa residence. Artistic in design, and finished with the utmost care, it will prove orna-

mental and durable wherever established.

SPECIFICATION.—All timbers employed are of thoroughly seasoned and carefully selected red deal; the lower part enclosed with diagonal panels of tongued and grooved matchboard, half glass door in one end, 21oz. glass throughout; staging along each side; footpath the entire length; gutters and downpipes; ample provision for ventilation made, and necessary ironwork for ventilators; painted one coat of good oil colour. Carefully packed on rail, and marked ready for fixing, or delivered, erected and glazed complete (with additional coat of paint at works), within 50 miles of London Bridge at the following respective prices (beyond this distance special prices quoted on application):—

							Er	ecte			Ц
Length.	Width.	Hei	ght.	P	acked o	on ra	il.	50 1	mile	es.	
ft.	ft.	ft.	in.		£ s.	d.		£	s.	d.	
10	 7	 10	6		9 0	0		11	10	0	
12	 7	 10	6		11 10	0		14	10	0	
15	 9	 10	6		14 15	0		19	10	0	
20	 10	 10	6		18 10	0.		25	0	0	
25	 12	 10	6		24 0	0		32	0	0	

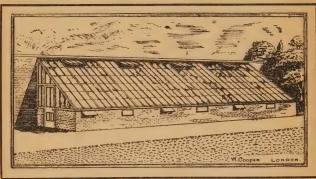
Proportionate prices for other sizes. Deduct 12½ per cent. if required for Brickwork.

For Heating Apparatus suitable for above house, see Section VII.

Tarred Sleepers to erect this house on, 3d. per foot run.

HORTICULTURAL PROVIDERS.

## Lean-to Forcing House.



No. 15.

The value of this House for forcing purposes will be at once apparent by the illustration; inexpensive in design and economical in space are its characteristics. It is indispensable to the private gentleman or professional grower of cucumbers, melons, tomatoes, &c., and one cropping should repay its cost of construction.

SPECIFICATION.—Built for brickwork, 3ft. high; framework throughout 3in. by 2in. well-seasoned red deal; door complete, with lock, and brass furniture at one end; roof ventilation according to size, necessary ironwork for opening same, and good 21oz. glass throughout. House painted one coat good oil colour, carefully marked, packed, on rail at the following prices:—

/CB •								
Length.		9ft. w		12ft. wide.		14ft.		
ft.		£ s.	d.	£ s. d.		. £s		
20		7 10	0	 9 10 0		12 1		
30		10 5	0	 13 5 0		17 1	15	0
40		14 0	0	 18 0 0		21 1	10	0
60		20 10	Ŏ			30 1	10	0
100		33 0		 40 0 0		47	0	0
200	Ventila			Walls, 3s. 9d.	each e	extra.		

If made with strong wood base instead of for brickwork, add

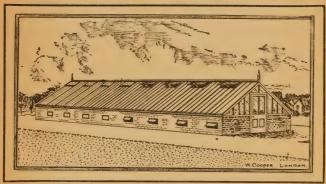
Estimates for Stages, Footpath, Heating Apparatus, also for erecting Forcing Houses in any part of the country, free on application.

For Heating Apparatus suitable for above house, see Section

We undertake all Brickwork (in 9in. work) with necessary footings at 1s. 6d. per foot super, measuring from concrete, also door space.

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### Span-Roof Forcing House.



No. 16.

This illustration shows a Span-Roof Forcing House, the advantages of which are apparent where space will admit of its erection. It is indispensable to every grower of cucumbers, tomatoes, melons, &c., where a succession of crops are required in all seasons. Though cheap in construction, it is soundly built, and will repay its cost in a season.

SPECIFICATION.—Built for brickwork, 3ft. high; framework throughout 3in. by 2in. well-seasoned red deal; door complete, with lock, and brass furniture at one end; roof ventilation according to size, necessary ironwork for opening same, and good 2loz. glass throughout. House painted one coat good oil colour, carefully marked, and packed on rail at the following prices:—

	1					O Parcos .		
Length.		9ft.	wide.	12ft	. wid	A .	14ft.	wide
ft.		£	s. d.	25	s. d		£ 8	s. d.
20		0	0 0	7.0				
20		Ö	0 0	 10	- 0 - {	1	13 (	0 (
30		9.1	0 0	3.4	0 /		70 70	
		7.7	0 0	 14	U	)	18 10	3 ()
40		15	0 0	19	0 (		00 70	0 0
			0 0	 13	U		22 10	JU
60	'	22	0 0	 27	0 (	٦	70 (	0 0
		- California	0 0	 61	0 (	J	04 (	J U
100		35	വ	 10	0 (	1	50 (	0

Partitions, with extra door, 9ft., £1 10s.; 12ft., £1 15s.; 14ft., £2 each.

Ventilating boxes for side walls, 3s. 9d. each extra.

If made with strong wood base instead of for Brickwork, add 20 per cent.

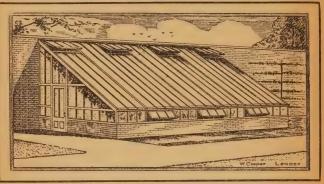
Estimates for stages, footpaths, heating apparatus, also for erecting forcing houses in any part of the country, free on application.

We have erected several hundreds of these houses, complete with Brickwork, Heating Apparatus, etc., in all parts of the Kingdom. Satisfaction guaranteed; good sound materials and workmanship. Competition defied.

For Heating Apparatus suitable for above house, see Section VII.

HORTICULTURAL PROVIDERS.

### Lean-to Greenhouse or Vinery.



No. 17.

A well-made Lean-to House, suitable for Greenhouse or Vinery, built to fit against existing wall, and for 2ft. 6in. of brickwork at base.

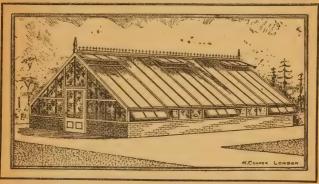
SPECIFICATION.—Constructed of the very best materials, well and substantially built, all woodwork consisting of good, well-seasoned red deal; 21oz. glass throughout; alternate ventilation as shown in illustration, with necessary ironwork for opening same; gutters and downpipe; door in one end fitted with lock, brass furniture, and key; woodwork painted two coats of good oil colour, all carefully packed on rail, marked ready for erection, or delivered or erected by us at the following respective prices (with extra coat of paint after glazing, within 100 miles London Bridge), exclusive of brickwork, or made with wood base instead of for brickwork as illustration, 10 per cent, extra:

nin

Proportionate prices for other sizes and erecting in any part of the Kingdom.

For Heating Apparatus suitable for above house, see Section VII.

# Span-Roof Plant House or Vinery.



No. 18.

A well-made Span-roofed House, suitable for Plant House or Vinery, built to fit on 2ft. 6in. of brickwork at base.

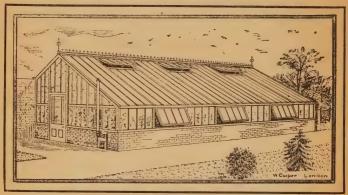
SPECIFICATION. — Constructed of the very best materials, well and substantially built, all woodwork consisting of good, well-seasoned red deal; 21oz. glass throughout; alternate ventilation as shown in illustration, with necessary ironwork for opening same, gutters and downpipes; door in one end, fitted with lock, brass furniture, and key; woodwork painted two coats of good oil colour, all carefully packed on rail, marked ready for erection, or delivered and erected by us at the following respective prices (with extra coat of paint after erecting within 100 miles London Bridge) exclusive of brickwork:

Length.	Width.	Height		F	acke	d on	rail.			within	
16.	ft.	ft. in	ft. in.		£	8.	d.	£	S.	d	
15	9	8 0	-4 0		15	10	0	 20	0	. 0	
20	10	8 6	4 9		17	15	ñ	23	Õ.	0	
30	12	9 0	1 0		32	10	ŏ		0	U	
40		0 0	7 0			10	U	 45	U	U	
	12	9 6	5 0		42	10	0	 60	0	0	
50	14	10 0	5 3		57	10	Ω	 77	10	Ď.	
100	74	10 6	5 6		705	-0	0'	 3 45	10	0	
200	4.7	20 0	0 0		105	U	U	 145	U	U	

If supplied with wood base, 10 per cent. extra. Proportionate prices for other sizes.

For Heating Apparatus suitable for above house, see Section VII. We undertake all Brickwork (in 9in. work) with necessary footings at 1s. 6d. per foot super, measuring from concrete, also door space.

# Three-Quarter Span-Roof Conservatory.



No. 19.

This House is constructed of the very best materials, and is well, substantially, and handsomely built, all woodwork consisting of good, well-seasoned red deal; ventilators at top and in front, with necessary ironwork for opening same; 21oz. glass throughout; half-glass door, complete with lock, brass fittings, and key, lattice stages, footpath the entire length, gutters and downpipes, &c. All woodwork painted two coats of good oil colour. Carefully packed on rail, with every part marked ready for fixing, or delivered erected and glazed, with extra coat after erecting, within 100 miles of London Bridge, at the following respective prices (exclusive of Brickwork):—

Length.	W	idth.	I	lidge,	Ear	ves.		ck				vithi	n
							on			100 1			
ft.		ft.		ft.	ft.	in.	£	S.	d.	£	S.	d.	
20 .		9 .		9	 5	0				 33		0	
24 .		10		9	 5	6	 30	0	0	 40	0	0	
36 .		12						0	0	 55	0	0	
60 .		12		10	 6	6	 70	0	0	 100	0	0	
100 .		14		12	 7	0	 130	0	0	 175	0	0	

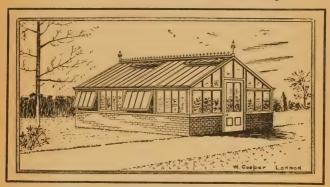
Proportionate prices for other sizes, and for erecting in any part of the country, free on application.

Plan for Brickwork supplied free on receipt of order.

In ordering, it should be stated at which end the door is required; also height of back wall.

For Heating Apparatus suitable for above house, see Section VII.

### Span-Roof Conservatory.



No. 20.

This well-proportioned design represents a commodious and substantial structure, suitable either for the garden, or annexed to a house.

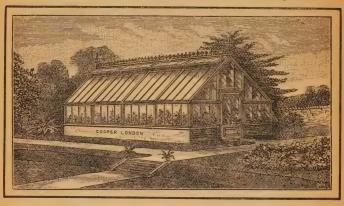
SPECIFICATION.—Constructed of the very best materials, all woodwork consisting of well-seasoned red deal; ample ventilation is given at ridge and sides according to size, with necessary ironwork for opening same; 21oz. glass throughout; stages each side, footpath the entire length; half-glass door, complete with lock, brass fittings, and key, and handsome ornamental iron cresting at ridge, giving an artistic finish, gutters and downpipe. All woodwork painted two coats of good oil colour. Carefully packed on rail, marked ready for fixing, or delivered, erected, and glazed, with extra coat after erecting, within 100 miles of London Bridge, at the following prices, exclusive of brickwork, or made with wood base instead of for brickwork, as illustration:

Length.	Width.	Height.	To Eaves.	Packed on rail.	Erected within 100 miles.
ft.	ft.	ft. in.	ft. in.	£ s. d.	£ s. d.
15	9	9 0	6 0	15 0 <b>0</b>	21 10 0
20	12	10 0	6 6	22 0 0	30 0 0
25	14	10 6	7 0	27 10 0	40 0 0
30	15	11 0	7 0	43 0 0	63 0 0
40	16	11 6	7 0	70 0 0	90 0 0

If supplied with wood base, in double lined panels, 15 per cent. extra. Proportionate prices for other sizes.

For Heating Apparatus suitable for above house, see Section VII-We undertake all Brickwork (in 9in. work) with necessary footings at 1s. 6d. per foot super, measuring from concrete, also door space.

### Span-Roof Conservatory.



No. 21.

This Conservatory, as designed, makes a handsome addition to any garden, and will harmonise with, or can be adapted to, many gentle-

men's residences in town or country.

SPECIFICATION.—Constructed of the very best materials, and is well, substantially, and handsomely built, all woodwork consisting of good, well-seasoned red deal; ventilators at top and front according to size, with necessary ironwork for opening same; 2lozglass throughout; half-glass door, complete with lock, brass fittings, and key; stages each side, footpath the entire length; ornamental iron cresting along ridge; iron O.G. gutters and downpipes, etc. All woodwork painted two coats of good oil colour. Carefully packed on rail, with every part marked ready for fixing, or delivered, erected and glazed complete, with extra coat oil paint after erecting, within 100 miles London Bridge, at the following prices (exclusive of Brickwork:

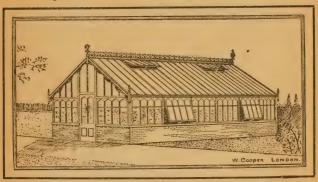
				on Rail.			within iles.	ì
		Height.	o Eaves.	£ s. d.				
		9ft.		 17 10 0	 24	0	0	
		10ft.		 25 0 0	 33	0	0	
		10ft. 6in.	7ft.	 30 0 0	 43	0	0	
		11ft.	7ft.	 47 10 0	 66	0	0	
40ft.	 16ft.	 11ft. 6in.	 7ft.	 80 0 0	 100	0	0	

Proportionate prices for other sizes. Estimates for erecting in any part of the country, also for Heating Apparatus (see Section VII.), free on application.

Plan for Brickwork supplied on receipt of order.

HORTICULTURAL PROVIDERS.

## Span-Roof Conservatory.



No. 22.

The Illustration represents a House 30ft. by 15ft.

This Conservatory, as designed, makes a handsome addition to any Garden, and will harmonise with or can be adapted to many gentlemen's residences in town or country, all the materials—wood,

glass, and paints-being of the very best.

SPECIFICATION.—Constructed of the very best materials, and is well, substantially, and handsomely built, all woodwork consisting of good, well-seasoned red deal; ample ventilation according to size of house, at top and front, with necessary ironwork for opening same; 21oz. glass throughout; half-glass door, complete with lock, brass fittings, and key; lattice stages each side, footpath the entire length; iron O.G. gutters and downpipes, &c. All woodwork painted two coats of good oil colour. Carefully packed on rail, with every part marked ready for fixing, or delivered, erected and glazed complete, with extra coat oil paint after erecting, within 100 miles of London Bridge, at the following prices (exclusive of brickwork):

		Erected within
		Packed on rail. 100 miles.
Length, Width.	Height. To Eaves.	£ s. d. £ s. d.
	9ft 6ft.	
		27 10 0 35 10 0
25ft 14ft.	10ft. 6in 7ft.	34 0 0 47 0 0
30ft 15ft.	11ft 7ft.	52 10 0 72 10 0
40ft 16ft.	11ft. 6in 7ft.	80 0 0 105 0 0
	Proportionate prices for o	other sizes.

Estimates for erecting in any part of the country free on

application.

For Heating Apparatus suitable for above house, see Section VII. We undertake all Brickwork (in 9in. work) with necessary footings at 1s. 6d. per foot super, measuring from concrete, also door space.

HORTICULTURAL PROVIDERS.

# Ornamental Span-Roof Conservatory.



No. 23.

Illustration shows a building, neat in design, which may be used for either a greenhouse or conservatory, and can be well recommended for a prominent position in the grounds of a villa residence. The upper side lights are filled in with tinted glass.

SPECIFICATION.— All timbers composed of good, well-seasoned red deal; 21oz. glass throughout; staging each side for plants; footpath entire length; ample ventilation, according to size; with necessary ironwork for opening same; iron O.G.; gutters and downpipe; ornamental iron cresting along ridge; woodwork painted two coats of good oil colour. Carefully packed on rail, marked ready for erection, or delivered and erected by us (and painted an extra coat after erecting), at the following respective prices, exclusive of brickwork, or made with wood base instead of (as illustration) for brickwork at 10 per cent. extra.

									377	root	od.	within
Leng	Widt	He							Rail	100	mi	les.
ft.	ft.	ft.	in.	ft.	in.	£	S.	d.		æ	S.	d.
15	 9	 9	0	 6	0	 . 19	0	0		25	0	0
20	 12	 10	0	 6	6	 . 26	0	0		34	0	0
25	 14	 10	6	 7	0	 32	0	0		45	0	0
30	 15	 11	0	 7	0	 . 50	0	C		70	0	0

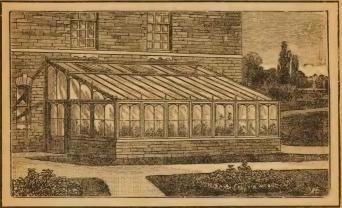
Proportionate prices for other sizes.

For Heating Apparatus suitable for above house, see Section VII. We undertake all Brickwork (in. 9in. work) with necessary footings at 1s. 6d. per foot super, measuring from concrete, also door space.

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HORTICULTURAL PROVIDERS.

# Ornamental Lean-to Conservatory.



No. 24.

This is a light, but strong and ornamental design, well adapted for communication with an inner room. It is ventilated at top and front, and forms a cheerful addition to a residence.

SPECIFICATION.—Constructed of the best materials, and substantially built, all woodwork of well-seasoned red deal; necessary ironwork for opening ventilators; gutters and downpipes; 21oz. glass throughout; half-glass door, complete with lock, brass fittings, and key; lattice stage along front; footpath entire length. All woodwork painted two coats of good oil colour. Carefully packed on rail, marked ready for fixing, or delivered, erected, and glazed within 100 miles of London Bridge, with an extra coat after erecting, at the following prices. exclusive of brickwork, or made with wood base instead of for brickwork (as illustration), 10 per cent. extra.

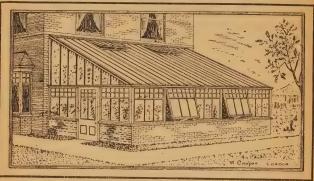
										Ŀ	rect	ea 1	vitn	ın
Length.	Width	1.		ght.						ail.				
ft.	ft.		ft.	in.	ft.	in.	£	S.	d.		£	S.	d.	
15	9		9	6	 6	6	 17	10	0		24	0	0	
20	12		10	0	 6	6	 25	0	0		32	10	0	
25	14		10	6	 6	6	 30	0	0		42	10	0	
30	15		11	0	 6	6	 47	10	0		67	10	0	
40	16		11	0	 6	6	 77	10	0		97	10	0	

In ordering it should be stated at which end door is required when facing house; if required, it can be fixed in front at the same price.

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HORTICULTURAL PROVIDERS.

## Lean-to Conservatory.



No. 25.

This chaste design is eminently suitable for addition to most residences, and a delightful entrance may be had from an inner room if desired. The upper side lights, as shown in the illustration, represent tinted glass, which affords an agreeable and subdued shade of light.

SPECIFICATION.—Constructed of the very best materials, all woodwork consisting of well-seasoned red deal; ventilators at top and front, with necessary ironwork for opening same; gutters and downpipes; 210z. glass throughout; half-glass door, complete with lock, brass fittings, and key; lattice stages, footpath entire length. All woodwork painted two coats of good oil colour. Carefully packed on rail, marked ready for fixing, or delivered erected and glazed, within 100 miles of London Bridge, with extra coat of paint after erecting, at the following prices (exclusive of Brickwork), or made with wood base instead of for Brickwork (as illustration) 10 per cent. extra:

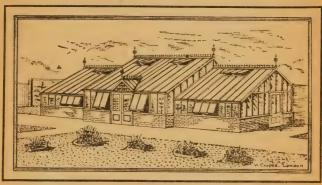
ft.	ft.	ft. in.	ft. in.	Packed on rail.	£ s d
15	. 9	10 0	6 6 .	20 0 0 27 10 0	. 26 10 0
25	. 14	11 0	7 0 .	34 0 0	. 47 0 0
40	16	11 6 12 0	7 0 .	52 10 0 85 0 0	. 72 0 0
	P	roportion	ate prices for	other sizes	. 100 0 0

In ordering, it should be stated at which end door is required, when facing house; if required, it can be fixed in front at same price.

Plan for Brickwork supplied free on receipt of order.

For Heating Apparatus suitable for above house, see Section VII. We undertake all Brickwork (in 9in. work) with necessary footings at 1s. 6d. per foot super, measuring from concrete, also door space.

### Range of Houses.



No. 26.

This is a very useful range of three-quarter span houses, divided into three parts, the centre part projecting 2ft. more than the ends. This is about the most economical in form that can be devised. It can be varied in form to almost any extent.

#### Designs and Estimates for Ranges of Houses, including Conservatory, Peach Houses, Vineries, &c., prepared and furnished frec.

SPECIFICATION.—Constructed of the very best materials, and are well, substantially, and handsomely built, all woodwork consisting of good, well-seasoned red deal; ventilators at top and front, with necessary ironwork for opening same; 21oz. glass throughout; half-glass doors, complete with lock, brass fittings, and key; lattice stages for plants; footpath the entire length; iron O.G. gutters and downpipes, &c. All woodwork painted two coats of good oil colour. Carefully packed on rail, with every part marked ready for fixing, or delivered, erected and glazed, with extra coat after erecting, within 100 miles London Bridge, exclusive of brickwork, at the following respective prices:

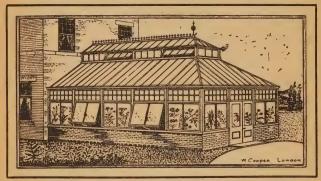
Length	Width.	Widt	h of C	entre.		rail.		m		in
36ft.	10ft		1964			0 0	60			
	 7754		2210.		40	0 0				
	 TITE.		LSIT.		50	0 0	 67	10	0	
60ft.	 12ft.		14ft.	*****	65	0 0	 90	0	0	
72ft.	 13ft.		15ft.		03	0 0	 100	0	0	
841t.	 14ft.		16ft.		105	0 0	1.30	0	Ω	
96ft.	 15ft.		18ft.		130	0.0	 160	0	0	

Proportionate prices for other sizes, Estimates for erecting in any part of the country free on application.

For Heating Apparatus suitable for above house, see Section VII. We undertake all Brickwork (in 9in. work) with necessary footings at 1s. 6d. per foot super, measuring from concrete, also door space.

HORTICULTURAL PROVIDERS.

### Lantern-Roof Conservatory.



No. 27.

This design can be made detached if desired. Prices on application. The upper side lights are filled in with tinted glass.

SPECIFICATION.—Constructed of the very best materials, and is well, substantially, and handsomely built, all woodwork consisting of good well-seasoned red deal; ventilators at top and front, with necessary ironwork for opening same; 21oz. glass throughout; half-glass doors, complete with lock, brass fittings, and keys; lattice stages each side; footpath the entire length; iron O.G. gutters and downpipes, &c. All woodwork painted two coats of good oil colour. Carefully packed on rail with every part marked ready for fixing, or delivered erected and glazed complete, with extra coat after erecting within 100 miles of London Bridge at the following prices (exclusive of brickwork):

Length.	Width.	Height	To Eaves.	Packed on rail.	100 miles.
ft.	ft	ft. in.	ft. in.	£ s. d.	£ s. d.
15	9	. 10 6	6 0	25 0 0	32 10 0
20	12	. 11 0	6 6	, 42 0 0	52 10 0
25	14	. 11 6	7 0	65 0 0	80 0- 0
30	15	. 12 0	7 0	80 0 0	100 0 0
40	16	. 12 6	7 6	100 0 0	125 0 0

Proportionate prices for other sizes.

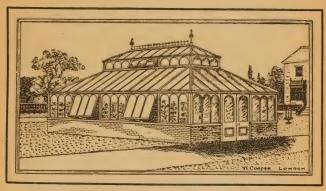
Estimates for erecting in any part of the country, free on application.

We undertake all Brickwork (in 9in. work) with necessary footings at 1s. 6d. per foot super, measuring from concrete, also door space.

"SIR,—Greenhouse arrived safe, and I think it will give great satisfaction.—Yours respectfully, (Signed) W. J. MILLAIA."

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# Hipped-Roof Conservatory with Lantern.



No. 28.

An ornamental Conservatory of a design adapted to secure the maximum of light with thorough ventilation.

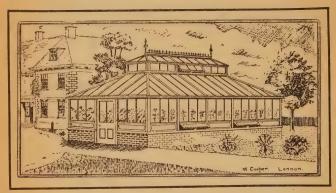
SPECIFICATION.—Constructed of the very best materials, and are well, substantially, and handsomely built, all woodwork consisting of good, well-seasoned red deal; ventilators at top and sides, with necessary ironwork for opening same; 21oz. glass throughout, half-glass door, complete with lock, brass fittings, and key; lattice stages each side; footpath the entire length; iron O.G. gutters, and downpipes, &c. All woodwork painted two coats of good oil colour. Carefully packed on rail, with every part marked ready for fixing, or delivered, erected, and glazed complete, with extra coat after erecting, within 100 miles London Bridge, exclusive of brickwork, at the following respective prices:

Length	1.	Width.	Height.	То	Eaves.	Packed		rail		) mi	les.	n
====						£	S.	d.	, ±	S.	d.	
1516.		10ft.	 10ft. 6in.		6ft.	25	0	0	. 32	10	G	
20ft.		12ft.	 11ft.		6ft 6in	35						
25ft.		7Aft	 11ft. 6in.	•••	754							
7001	• •	17100	 TILL. OIII.			50						
SUIT.		161t.	 12ft.		7ft.	65	0	0 :	4. 77	7 10	0	
35ft.		18ft.	 12ft. 6in.		7ft.	85						
				• •	710.							
4016.		2016.	 13ft.		71t. 61n.	110	0	0.	. 130	0 (	0	

Proportionate prices for other sizes. Estimates for erecting in any part of the country free on application.

For Heating Apparatus suitable for above house, see Section VII. We undertake all Brickwork (in 9in. work) with necessary footings at 1s. 6d. per foot super, measuring from concrete, also door space.

## Hipped-Roof Conservatory.



No. 29.

SPECIFICATION.—Constructed of the very best materials, and is well, substantially, and handsomely built, all woodwork consisting of good well-seasoned red deal; ventilators at top and front, with necessary ironwork for opening same; 21oz. glass throughout; half-glass door, complete with lock, brass fittings, and key; lattice stages each side; footpath the entire length; iron O.G. gutters and downpipes, &c. All woodwork painted two coats of good oil colour. Carefully packed on rail with every part marked ready for fixing, or delivered, erected, and glazed complete, with extra coat after erecting, within 100 miles of London Bridge, at the following prices:

Length.	Width.	Height. To Eaves. ft. in.	£ s. d.	Erected complete within 100 miles. £ s. d.
15	9	10 6 6 0	22 10 0	30 0 0
25	14	11 0 6 6 11 6 7 0	60 U U	72 10 0
30	15	12 0 7 0 12 6 7 6	72 10 0	87 10 0

Proportionate prices for other sizes.

Estimates for erecting in any part of the country, free on application.

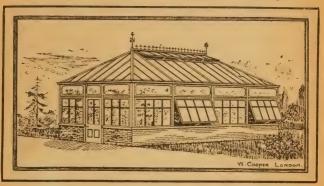
For Heating Apparatus suitable for above house, see Section VII-

We undertake all Brickwork (in 9in. work) with necessary footings at 1s. 6d. per foot super, measuring from concrete, also door space.

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HORTICULTURAL PROVIDERS.

## Hipped-Roof Conservatory.



No. 30.

This is a very striking and attractive structure of a new design.

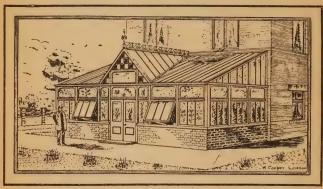
SPECIFICATION.—Constructed of the very best materials, and is well, substantially, and handsomely built, all woodwork consisting of good well-seasoned red deal; ventilators at top and sides, with necessary ironwork for opening same; 21oz. glass throughout; half-glass door, complete with lock, brass fittings, and key; lattice stages each sides, with footpath the entire length, iron O.G. gutters and downpipes, &c. All woodwork painted two coats of good oil colour. Carefully packed on rail with every part marked ready for fixing, or delivered erected and glazed complete, with extra coat after erecting within 100 miles of London Bridge at the following respective prices (exclusive of brickwork):

Length.	Vidth			T				ľ	ail.		100 r	nile		
ft. 15 .									s. 0		 £	S.	d.	
20 .	 12	 10	6		7	0	****	32	10	0	 40	0	0	
25 30 .									0		 54 80			
40									ŏ					

Proportionate prices for other sizes. Estimates for erecting in any part of the country free on application.

For Heating Apparatus suitable for above house, see Section VII.

### Lean-to Conservatory.



No. 31.

This elegant Lean-to Conservatory is designed for the side of a modern residence. It is made in various sizes, according to requirements, and entrance can be had either from the garden or the house.

The upper lights over the door, as shown in the illustration, represent tinted glass.

SPECIFICATION.—Constructed of the very best materials, all woodwork consisting of well-seasoned red deal; ventilators at top and front, with necessary ironwork for opening same; gutters and downpipes; 21oz. glass throughout; half-glass door, complete with lock, brass fittings, and key; lattice stages along front and ends; footpath entire length. All woodwork painted two coats of good oil colour. Carefully packed on rail, every part marked ready for fixing, or delivered, erected, and glazed (with extra coat after erecting), at the following respective prices (exclusive of brickwork), or made with wood base instead of for brickwork, 10 per cent. extra:

Length.	Width.	Heig	ht.	To Eaves.	Packe	d or	rail.	100		
ft.	ft	ft.	in.	ft.	£	s.	d.	£	8.	d.
15	9	10	0	7	 25	0	0.	 37	10	0
20	12	11	6	7	 40	0	0,	 52	10	0
25	14	12	0	8	 60	0	0	 75	0	0
30	15	12	6	8	 80	0	0	 100	0	0
40	16	13	0	8	 100	0	0	 130	0	Û

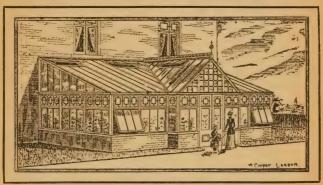
Proportionate prices for other sizes.

Estimates for erection in any part of the country free on application.

For Heating Apparatus suitable for above house, see Section VII.

HORTICULTURAL PROVIDERS.

### Lean-to Conservatory.



No. 32.

This elegant Lean-to Conservatory, with projecting gable front, is designed for the side of a modern residence. It is made in various sizes, according to requirements, and entrance can be had either from the garden or the house.

The front of Gable over door, as shown in illustration, represents

tinted glass.

SPECIFICATION.—Constructed of the very best materials, all woodwork consisting of well-seasoned red deal. Ventilators as shown, with necessary ironwork for opening same; O.G. gutters and downpipes; 2loz. glass throughout; one pair of doors complete with lock, brass furniture, key, and bolts; stages along front and ends; footpath entire length; all woodwork painted two coats of good oil colour. Carefully packed on rail, every part marked ready for erection, or delivered and erected by us (painted an extra coat after erection), within 100 miles of London Bridge, at the following respective prices, exclusive of brickwork, or made with wood base instead of for brickwork (as illustration) 15 per cent. extra.

		Project		Erected within
Length.	Width.	in centre.	Packed on rail.	100 miles,
ft.	ft.	ft. in.	£ s. d.	£ s. d.
20	. 9	2 0	40 0 0	55 0 0
20	. 12	2 0	50 0.0	67 10 0
25	. 14	2 6	70 0 0	90 0 0
30		2 6		122 10 0
40		2 6		150 0 0

Proportionate prices for other sizes. Plan of brickwork Free on receipt of Order.

For Heating Apparatus suitable for above house, see Section VII.

HORTICULTURAL PROVIDERS.

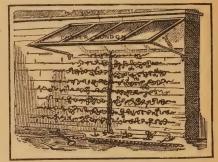
## Improved Wall Fruit Protector.

This form of Wall Fruit Protector will be found most convenient, it being easily detached or attached at will. It is also the cheapest form introduced, and it is strongly recommended. The price includes the wall fittings, 210z:glass, and the necessary lights; painted one coat.

#### PRICE

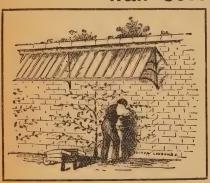
1s. 9d. per foot run.

If less than 25 feet is ordered, 2s. per foot.



No. 33.

#### Wall Cover.



No. 34.

This Cover is made in sashes in lengths of 10ft. of good sound, well-seasoned red deal; the stiles, which are 2in. by 3in., being well mortised and pinned to tenoned rails, properly rabbeted for the glass. and fitted with 2in. sash-bars. Complete with 21oz. glass; and cast strong brackets necessary for same. woodwork painted one coat of good oil paint.

The whole securely packed on rail (being marked in readiness for erection) at the following respective prices:—

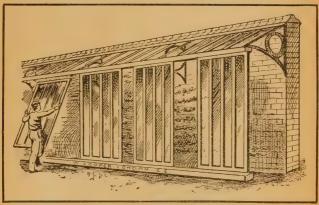
Lengths.	Width.		Lengths.	Width.	
ft.	ft.	£ s. d.	ft.	ft. in.	£ s. d.
10	2	1 0 0	1 10	2 6	1 5 0
20	2	1 15 0	20	2 6	2 0 0
30	2	2 10 0	30	2 6	2 15 0
40	2	3 5 0	40	2 6	3 10 0
50	2	4 0 0	50	2 6	4 15 0
60	2	4 15 0	60	2 6	5 10 <b>0</b>

From the eaves of the glass coping, tiffany or other protecting materials may be suspended.

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## WILLIAM GOOPER, Ltd, 751, Old Kent Rd, London, S.E. HORTICULTURAL PROVIDERS.

### Glazed Cover for Fruit Walls.



No. 35.

#### ADVANTAGES.

Complete Protection of trees from frost. Perfect Ventilation. Cheapness—will repay its cost in one season. Simple in Construction—can be fixed by any handy man. Yentilation is gained by means of the front sashes, all of which slide, thus also enabling the whole of the foliage to be syringed.

#### CONSTRUCTION.

The sashes slide in runners, and are entirely removable, the roof lights are supported on strong iron brackets bolted to wall. The framing is of good sound well-seasoned red deal, painted two coats best oil colour, carried on iron supports, Glass 2loz. throughout. All parts carefully marked before leaving Works, and can be fixed by any handy man.

The Cover—with Front Lights, Iron Supports, Roof Lights, and Brackets for a Wall 10ft. high—costs 9s. per foot run; Ends extra, 30s. each.

Securely packed on rail.

If less than up to 25 foot run is ordered, 10s. 6d. per foot.

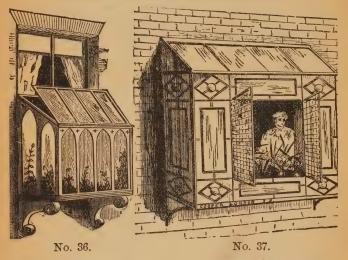
"Sir,—The Greenhouse arrived quite safely, and am very pleased indeed with it, and consider it a wonderful house for the money, so strong and well made.—Yours truly, (Signed) HORATIO EDENBOROUGH (Capt.)."

"Dear Sir.—I received the glass in very good condition, and am well pleased both with that and the Conservatory. Having got it litted together, I am well satisfied with it.—I am, Sir, yours truly, (Signed) A. Storbs."

17, The Avenue, Helsby, near Warrington, Cheshire. "Dear Sir,—We got the Conservatory and Glass quite safe at Helsby, and "DEAR SIR,—We got the Conservator, one Glass broken. House gives every satisfaction. (Signed)

HORTICULTURAL PROVIDERS.

### Window Conservatories.



Either of these designs will make an elegant addition to the windows of gentlemen's Mansions and Villa Residences, and also exclude all draught from the windows, keeping the rooms warm and comfortable.

#### PRICES:

No. 36.—Made whole and sent ready glazed with 2loz. glass, and painted three coats of best oil colour. Any size to order at 1s. 6d, per inch run.

No. 37.—Made in sections, all fitted ready for erection on arrival. Glazed part 2loz. glass, and part tinted cathedral glass, and painted three coats of best oil colour. One casement in front hung and fitted with fastener (as illustrated). Any size to order at 5s, 6d, per inch run.

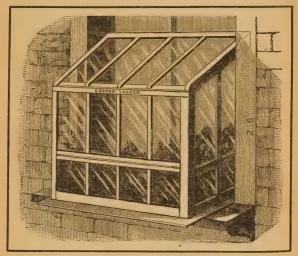
H. W. THOMPSON, Patent B. K. Works, Alreschurch, Worcester.
"I am very pleased with the forcing-house you supplied me with last year."
Skeld, Sandsting, Shetland,

"Dear Sir,—I have now received the Greenhouse and two boxes of glass. I am astonished to see how safe it has arrived here. The woodwork is not damaged in the least, and the glass is so little broken that I may say it has come here safe and sound. Whoever has packed the glass deserves credit, if you only knew the rough handling it had to get after it landed in Shetland ere it arrived here. I am well pleased with it all; it is a novely here, as there is no other greenhouse in the locality. I wish to thank you for your prompt attention to my order. I and others are astonished to see such a good house for the money.—I remain, dear Sir, yours most faithfully,

WILLIAM COOPER, Esq.

HORTICULTURAL PROVIDERS.

### Window Conservatory.



No. 38.

It is well and strongly made of best red deal, glazed with 21oz. glass, painted three coats, and is fitted with a set-open for opening the ventilating light provided at top.

PRICE.—Any size made to order at 1s. 3d. per inch run.

Elstow Lodge, Bromley Hill, Kent. "Sir,—The Greenhouse we bought of you last September we have found to be quite satisfactory in every way, and consider it really good value for the money.—Yours faithfully, A. M. DUMAS."

"Sr.-Kennel and Bench received yesterday. I am quite satisfied with them.
G. F. DAVENPORT."

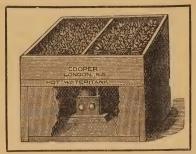
"Dear Sir, -The Lights arrived at the station to-day, and give every satisfaction. -I remain, yours, &c., JNO, CARR."

Radnoor, Holmbury St. Mary, Dorking. "Sir,-Major-General Kincaid was well pleased with Greenhouse you sent him.-Yours, &c., H. GOODYER (Gardener)."

"Dear Sir, -Lights to hand with satisfaction. -Yours, S. CHIEM."

HORTICULTURAL PROVIDERS.

## The "Rapid" Propagator.



No. 39.

The only perfect Propagator for Raising Plants from Seeds, Slips, or Cuttings.

This Propagator is the best and cheapest now before the public, and will be found especially serviceable to amateurs and gardeners who require to strike cuttings and raise seeds in a short space of time.

One of these Propagators will raise large quantities of plants in the spring, thus—to a great extent—dispensing with the necessity of striking cuttings in the autumn, it being well known that many cuttings fall victims to the frost and damp atmosphere so prevalent in this country. This method of propagating saves the trouble and annoyance resulting from the loss of so many plants in the winter time, and also makes it unnecessary to occupy so much space in storing a large quantity of autumn cuttings.

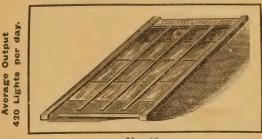
The Propagators are composed of an outside casing with hinged glazed sash on top. The bed or bottom is formed of a tank, in which a constant circulation of hot water is kept up by the heater (see illustration), the pots being plunged in a bed of cocoanut fibre refuse, which should be kept moist. It is heated by oil, one pint of which will last 30 hours. Packed and put on rail complete at the following respective prices:—

										ಪ	8.	α.	
Lean to	shape	1ft.	8in	. by	1ft.	6in.	0-0		 	1	1	0	
2.0	12	2ft.	6in.	by	1ft.	10in.			 	1	10	0	
	. 23	4ft.	by	2ft.				1.1	 	2	10	0	
	oof Shape								 	4	10	0	

Estimates for larger sizes free on application.

HORTICULTURAL PROVIDERS.

### Garden Lights.



always in Stock

No. 40.

SPECIFICATION.—These lights are substantially constructed of good, sound, well-seasoned red deal; the stiles, which are 2in. by 2in., being well mortised and pinned to tenoned rails properly rabbeted for the glass, and fitted with 2in. sash bars. The glazed lights are painted one coat good oil paint, and the glass in same nailed and bedded in superior oil putty. Packed on rail at the following respective prices:—

Unglazed Lights.  Lights glazed with 2loz. glass.  Unglazed Lights with sufficient 2loz. glass to glaze same 2 loz.	ft. ft. in. (6 by 4 0 (3 by 3 6 4 by 3 0 (3 by 2 0 (6 by 4 0 5 by 3 0 3 by 2 0 (6 by 4 0 5 by 3 6 4 by 3 0 3 by 2 0 (6 by 4 0 5 by 3 6 4 by 3 0 3 by 2 0	Each. s. d. 2 9 2 6 2 5 1 6 9 0 7 6 6 0 4 0 6 0 5 0 4 0 6	Per Doz. \$\frac{\partial}{8} \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	Per 100. £ s. d. 11 10 0 10 10 10 0 9 7 6 6 5 0 37 10 0 32 0 0 25 15 0 17 0 0 21 0 0 17 0 0 10 0 0
same.	(3 by 2 0	2 6	1 8 0	10 0 0

Iron Strengthening Bar, 1s. extra.

Prices given by return of post for all kinds of Sashes and Doors, glazed and painted.

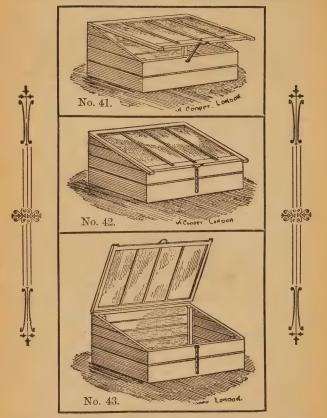
Special Quotations for larger quantities and other sizes by return of post.

We have a number of specially constructed machines always making these lights from one year's end to the other, planing all four sides and rabbeting at one operation, and for making sashbars at the rate of 25ft. per minute.

Special strong Market Gardeners' Light for rough use, 3in. by 2in. stiles with iron bar, 6ft. by 4ft., 4s. 6d. each, unglazed.

# WILLIAM GOOPER, Ltd, 751, Old Kent Rd, London, S.E. HORTICULTURAL PROVIDERS.

### The "Amateur" Plant Frame.

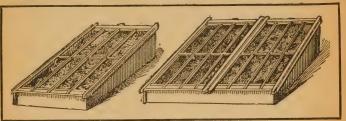


Made of lin. thoroughly well-seasoned red deal boards. Lights are 2in. thick, hinged at back, and are glazed with good 2loz. glass, nailed and bedded in oil putty, and fitted with iron set to open for ventilation, &c. Painted two coats best oil paint, and securely packed on rail.

4ft. by 3ft. ... 1 1 0 | 5ft. by 3ft. ... 1 5 0
Inside of all frames painted with our Patent Rot Proof Composition.

HORTICULTURAL PROVIDERS.

### Melon and Cucumber Frames.

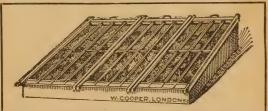


No. 44.

No. 45.

TWO LIGHTS AND FRAME. SINGLE LIGHT AND FRAME.

These are very useful Frames, being suitable for the storage of plants in winter, and well adapted for the cultivation of melons, cucumbers, &c., in summer. The illustrations show One-, Two-, and Three-Light Frames. Height at front 11in., and at back 22in. They are composed of 14in. thoroughly well-seasoned red deal boards, have necessary parting pieces, and runners for the lights,



No. 46.—THREE LIGHTS AND FRAME.

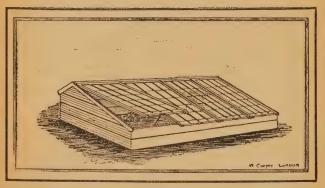
which are 2in. thick, and which are glazed with good 21oz. glass, nailed and bedded in oil putty, and fitted with an iron handle. parts painted two coats of good oil paint, and securely packed on rail, at the following prices :-

					ft.	in.		ft.				d.
One-Light F	rames				. 3	6	by	3			0 15	0
,,,	33				4	0	,,	3			0 18	0
21	37				4	0		4			1 1	0
					5	0	33	4			1 3	0
91	33				6	0	31	4			1 8	0
Two-Light	23				6	0	"	4			1 10	0
	22				8	Õ		4			1 16	0
23	22	**		***	8	ŏ	22	6			2 10	Õ
Three-Light	"	**			10	ŏ	,,	6			3 0	Ö
	59	**		• •	12	ŏ	2.7	6			3 10	Õ
Four-Light	31	**	, 0	• •	16	ŏ	17	6			4 10	Õ
Five-Light	22	**.		• •	20	ő	"	6	••	••	5 15	ŏ
	23	**		• •	24	ő	"	6		***	6 10	ŏ
Six-Light	2.2	*** ,			64	U	22	U			0 10	-

Estimates submitted for special sizes free. Inside of all frames painted with our Patent Rot Proof Composition.

HORTICULTURAL PROVIDERS.

# Three-Quarter Span Garden Frame.



No. 47.

This frame was introduced a short time ago from a suggestion made by a celebrated grower of picotees and carnations. Its advantages are in height and light; the part span diffusing the sun's rays, while economy in space is effected. It is generally admitted to be without a rival in the trade.

SPECIFICATION.—It is made of 14in. sound red deal. The lights are 2in., and are glazed with good 21oz. glass, hung with iron hinges, and painted two coats of the best white lead paint. With set-opes complete. Securely packed on rail at the following prices:

Size.			Price.	Size.			Price.
ft. ft.			£ s. d.	ft. ft.			£ s. d.
4 by 4	••	• •	180	16 by 6		••	5 10 0
4 by 6	• •	• •	2 0 0	20 by 6	0-0	• •	7 0 0
8 by 6 12 by 6	• •	••	3 5 0	24 by 6	6-6	**	8 10 0
TE NY G	0.00	0.0	4 10 0				

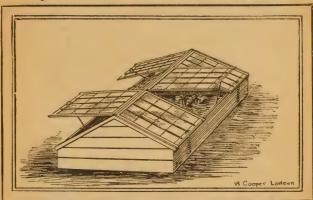
### Roofing Felt.

Patent Asphaltic Rolls, 25yds. long by 32in. wide, 3s. 6d. per Roll. Better quality, 4s. 6d.

Nails for fixing Felt, in boxes of 250, 6d.; 500, 1s.

HORTICULTURAL PROVIDERS.

### Span-Roof Garden Frame.



No. 48.

The Span-Roof Garden Frame claims the highest advantages in the matter of light and air, and is more convenient to work than the Lean-to. Cucumbers, Melons, &c., thrive well in it, and it is handy for storing plants in the winter.

SPECIFICATION.—The illustration shows a six-light frame 12ft. by 6ft., height at sides 11in., and ridge 24in. These frames are composed of 14in. thoroughly well-seasoned red deal boards. Painted two coats of best oil colour. The lights are glazed with good 21oz. glass, bedded in superior oil putty; and are fitted with iron stays, which safely support them for ventilation. Securely packed on rail at the following prices:—

ft. ft.				£		a	ft. ft.				£	S.	d
10. 10.				エ	S.	u.	16. 10.				al.	200	
1 2 1				7	Ω	0	76 L 6				6	10	0
4 by 4 4 ,, 6 8 ,, 6					8 0 5	U	16 by 6 20 ,, 6 24 ,, 6				U	10	U
0 0				0	0	175	00 0				67	0	0
4 . 0		***		2	- 0	0	1 20 . 6				7	0	U
, ,,	***	***	***	6-3	~	-	1 ,,					**	-
8 6				3	5	Ω	1 24 6				8	10	0
0 ,, 0				U	U	U	AT ,, U	***	***	***	-	20	-
10 6				Α	10	25	1						

Estimates given for larger sizes Free on application.

## Wood Propagating Trays,

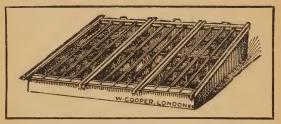
For sowing Seeds, Sticking Cuttings, &c., in Bundles, ready for nailing together.

Length	1.	. :	Depth			Vidth.			10	00
in.			· in.			in.			S.	d.
12			9			2			8	0
15			10			24			10	0
18			12			3~			15	0
-	Inta	: 70 -	0000	1300	Oth	032 031	zaa ta	ond.	0.39	

Outside measure. Other sizes to order

HORTICULTURAL PROVIDERS.

# The Market Gardener's Violet Frame.



No. 49.

These frames are used very largely for Violet growing by Nurserymen, &c., but are suitable for a number of purposes, Very strong. Composed of good sound well-seasoned timbers, 14in. thick, with necessary runners for lights, &c., and Painted inside and out with our Patent Rot Proof Composition. The lights are 2in. thick. Glazed 2loz., and fitted with iron handle, and securely packed on rail at the following prices:—

Three-light frames, 10ft. 6in. long, 5ft. wide, 11in. high at back, 9in. in front, £2 5s. each. £25 per doz.

Woodmancote, Dursley.

"Gentlemen,—I beg to thank you for your promptness in sending my Lights off. They came to hand all right last night. I would esteem it a favour if you would send me one of your lists, and oblige.—I remain, yours faithfully, (Signed) E. Dean."

Wimborne House, Bar Lane, Old Bradford, Nottingham.
"Dear Sir,—Received the Lights. I am very pleased with them. If I want any more I shall not forget you.—I remain, yours faithfully,
(Signed) J. BAKER."

"Dear Sir.—I received the Lights to-day, and I am well satisfied with them.—Yours truly,

T. Barnsley."

"Dear Sin.—The Garden Lights came safely to hand, and they are very satisfactory.—Yours, &c.,

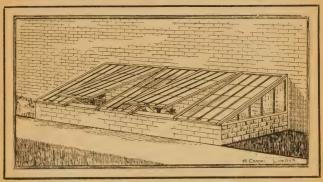
A. ELSLEY."

#### Firewood.

2-bushel sacks new chumps, nothing over 6in. long. 6d. per sack; 12 for 5s. Sacks included.

HORTICULTURAL PROVIDERS.

### Lean-to Frame or Forcing Pit.



No. 50.

For small gardens this Lean-to Plant Preserver is entirely without precedent, especially where only a limited space is obtainable. They can be either fixed against a wall or by the side of Greenhouse, to suit convenience. The Lights are 2in. thick, glazed with good 2loz. glass, each Light being fitted with strong hinges and casement stays, which support lights for ventilating. The Frame-work and Lights are of well-seasoned red deal, painted two coats good oil colour.

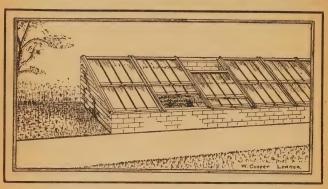
GLAZED DIVISION, 7s. each.

Lengths.				Width.				eight at Bac				Pr £ :		
8ft. 10ft. 12ft. 16ft. 20ft. 24ft. 28ft. 32ft.				3ft. 3ft. 3ft. 3ft. 3ft. 3ft. 3ft. 3ft.		**		1ft. 9in.			• • • • • • • • • • • • • • • • • • • •	1 1 1 1 2 2 2 1 3 4 4 1 5	0 7 5	060666666666666666666666666666666666666
3010.	**	9.	• •	GLA				9s. each.	••	••	••	0.1		
12ft. 16ft. 20ft. 24ft. 28ft. 32ft. 36ft.	**		***	4ft. 4ft. 4ft. 4ft. 4ft. 4ft. 4ft.	**	• • • • • • • • • • • • • • • • • • • •		2ft. 2ft. 2ft. 2ft. 2ft. 2ft. 2ft.			• • • • • • • • • • • • • • • • • • • •	3 4 5 5 1 6	5 7 5 0 5 0 5	0 6 0 0 0 0
				GLAZ	ED	Divi	SION,	10s. each.						
16ft. 20ft. 24ft. 28ft. 32ft. 36ft. 40ft.	•••			5ft. 5ft. 5ft. 5ft. 5ft. 5ft. 5ft.				2ft. 3in. 2ft. 3in. 2ft. 3in. 2it. 3in. 2ft. 3in. 2ft. 3in. 2ft. 3in. 2ft. 3in.			··· ··· ··· ›· ›·	5 6 7 8 8	0 0 0 5 0 5 0	0 0 0 0 0 0 0
If made	with	Sti	ong	Wooden	Bas	se, 1f	t. 3in.	high, inste	ad o	f as	illust	ratio	m,	for

If made with Strong Wooden Base, Ift. Jin. high, instead of as illustration, to brickwork; 25 per cent, extra.

## WILLIAM GOOPER, Ltd, 751, Old Kent Rd, London, S.E. HORTICULTURAL PROVIDERS.

## Forcing Pits with Sliding Lights.



No. 51.

These Forcing Pits are usually constructed with long heavy lights running over into the path and monopolising double the width of the frame itself. In this design we have entirely done away with these difficulties, having arranged a double row of lights: the upper row slides down over the lower, and vice versa. Bearers are provided between each light, the latter being 2in. thick, and fitted with a handle. Sills are also provided for the wall. Painted two coats good oil colour, and glazed with 21oz. glass. All ready for fixing on brickwork on delivery.

	10	10 4 7	10	** 1 4 .	II DUC	DLL	TOO IL	, <b>U</b> .	4 23	durs.	
Length.		6ft.					7ft. 6i	n.	wide	э.	9ft. wide.
0.64		£	S.				£	d.			£ s. d.
8ft.	 	2	8	0			2	18	0		 3 2 6
12ft.	 	. 3	8	0			4	0	0		 4 7 6
16ft.	 	4	8	0			5	1	0		 5 15 0
20ft.	 	5	8	0	. ,		6	2	0		 6 15 0
24ft.	 	6	8	0			7	3	0		 8 5 0
32ft.	 	8	8	0			9	5	0		 11 10 0
40ft.	 	10	8	0			11	7	0		 13 15 0

If made with strong wooden base 2ft. high at back, 1ft. in front, instead of as illustration, 25 per cent. extra.

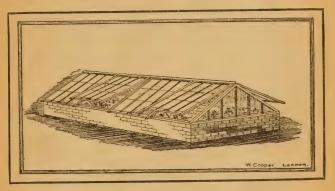
G. MYCROFT, Thornbank, Sheffield.
"The greenhouse arrived safely on Friday last, and I am very well satisfied with it."

J. COOPER, Coventry. "I am pleased to say the greenhouse arrived this afternoon, and nothing broken. I am very much pleased with it."

H. IMBER PARSONS, Chemist, Axminster. "Am very pleased with greenhouse which arrived this afternoon."

HORTICULTURAL PROVIDERS.

## Span-Roof Pit or Forcing Frame



No. 52.

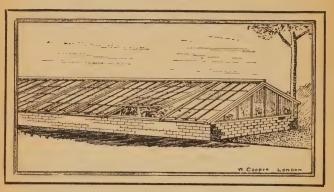
These are perhaps the most useful form of Frame before the public, as they are suitable for the storage of plants in winter, and well adapted for growing cucumbers or melons, &c., in summer. For these purposes they are largely used by nurserymen and gardeners. Constructed for building upon brickwork, and made of well-seasoned redwood deal; all the lights are fitted with set-opes, which afford ample ventilation; the framework and lights are fitted and numbered before leaving the works, so that any handy man can fix them. Lights 2in. thick, painted two coats of best oil colour, and glazed with 21oz. glass, including ends. Carefully packed on rail.

Length of Frame.	5ft. W			6ft. W		7ft. W	
ft.	Æ 8.	d.		£ s.	d.	£ s.	α.
10	 3 5	0		3 10	0	 3 15	0
15	 . 4 8	. 0		5 0	0	 5 10	0
20	 5 10	.0	******	6 10	0	 7 0	0
	 7 0	0		8 0	0	 8 10	0
30	 8 10	Ö		9 10	0	 10 0	0
40	 11 10	Ö		12 10	0	 13 10	0
50	 14 0	Õ		15 0	0	 15 10	0
60	 16 10	ő		18 0		 18 10	0

Any size made; Estimates free.

For Heating Apparatus suitable for above Frame, see Section VII.

# Three-Quarter Span Garden Frame.



No. 53.

This illustration shows a Frame adapted for building on brick walls, making the most useful Frame that can be had for general purposes. Owing to plenty of light and air, plants grow quickly and healthy. The framework is made of good sound well-seasoned red deal, and a plate is formed to rest on the wall. The Lights are very strong. Two glazed ends are included. Set-opes to each light. Painted two coats and glazed with 21oz. glass. Carefully packed on rail.

Length of	Frame.	5ft	. Wi	đe.		6ft	. Wi	de.		7ft.	Wi	ide.
ft.		£	s.	d.		£	s.	d.		£	S.	d.
10	***	3	5	0	***	3	10	0	***	3	15	0
15	•••	4	8	0	***	5	0	0	•••	5	10	0
20	***	5	10	0	***	6	10	0		7	0	0
25		7	0	0	***	8	0	0		8	10	0
30	***	8	10	0		9	10	0		10	0	0
40		11	10	0	***	12	10	0		13	10	0
50		14	0	0		15	0	0		15	10	0
60	***	16	10	0		18	0	0	•••	18	10	0

Any size made. Estimates free.

For Heating Apparatus suitable for above frame, see Section VII.

HORTICULTURAL PROVIDERS.

## Square Zinc Hand Frames.

WITH LOOSE TOPS.

These Frames will be found to be very useful for protecting plants, seeds, slips, or cuttings during the spring, which, if left uncovered, would probably fall victims to the extreme cold so prevalent in this country during that season.

The Frames are made of strong corrugated zinc, fitted with zinc clips for glazing same, no putty or solder being required; therefore the services of a glazier are not requisite for either fixing the glass or repairing, which can be accomplished by any inexperienced person. The glass can be removed instantly from one frame, and fixed to another of its size, without fear of breakage, glass being interchangeable.







No. 54.

With 21oz. Glass, cut to sizes: 12in., 5s. 6d.; 14in., 6s. 6d.; 16in., 7s.; 18in., 8s.; 20in., 9s.; 22in., 10s.; 24in., 11s. each.

Single frames charged 6d. extra for packing. If 3 or more ordered, packing free.



## Cap Glasses.

20in., 3s. 3d. each.

36s. per doz,

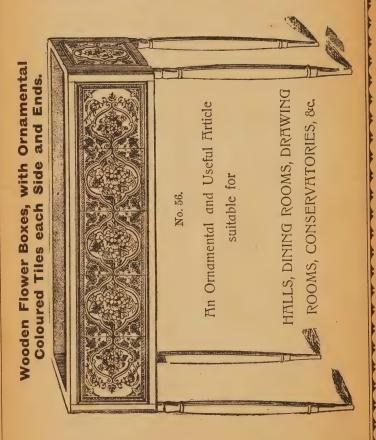
Carefully packed on rail.

No. 55.

Single glasses charged 6d extra for packing. If 3 or more ordered, packing free.

# WILLIAM COOPER, Ltd, 751, Old Kent Rd, London, S.E. HORTICULTURAL PROVIDERS.

#### FLOWER BOXES ENAMELLED ART COLOURS.



Size of Box, 2ft. 9in. by 9in. ... ... £1 5 6 each.

HORTICULTURAL PROVIDERS.

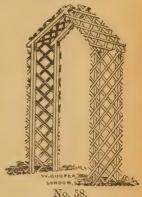
### Portable Folding Flower Stands.



No. 57.

4ft. long, 2ft. 6in. high. Price 4s, each. Suitable for Greenhouse, Garden, Strong, Portable, Painted. Dwelling House, &c.

### Trellis Garden Arches.



Price 6s. 6d. each.

### Greenhouse Fittings.

GREENHOUSE LIGHT STAYS.



No. 60.

DOUBLE LINE HOOKS.

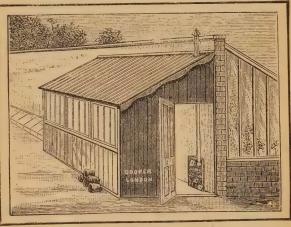
2s. 6d. per doz.



No. 61.

HORTICULTURAL PROVIDERS.

# Potting Shed, Tool House, Workshop, etc.



No. 62.

Constructed with strong wood framework, and covered with tongued and grooved boards, with roof of galvanised corrugated iron. Woodwork painted outside one coat. Made in sections. Door hung and fitted with lock and key. 21oz. glass. Carefully packed on rail.

Length.	Width.	To Ridge.	To Eaves.	Illustration.	Span Roof. †
	ft.	ft. in.	ft. in.	£ s. d.	£ s. d.
ft.	. 10.	7 0	5 0	2 10 0	3 0 0
7 .	5	7 0	5 7	3 10 0	4 5 0
9	6	7 5	5 5		5 10 0
10	7 .	7 6	5 6	4 10 0	
12	8	8 0	6 0	5 10 0	6 15 0

\* Door may be had in end or front as required.

† Both sides glass similar to side in Illustration, with door in centre one end.

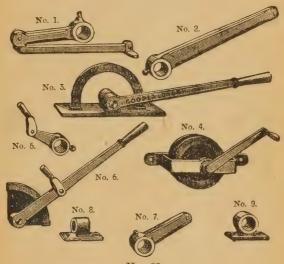
### Gardeners' Plant Barrow.

Well and strongly made, and painted two coats best oil colour.

					6 57			20 Pa	el e
61.	754	her	964				 	0 15	0
3	ize oit.	, by	GIU		 	4.0		1 0	Ω
	ize 3ft. ,, 4ft.	hv	2ft.	3in.	 		 **		
	37 500	~ 3	000	61				1 7	0
	a. bita	DY	210.	om.	 		 * Y		

### Greenhouse Ventilating Gearing.

Size of Barrel Rod 3in.



No. 63.

No.	1—Elbow Lever to open, 16in. or 18in	s. 1	d. 9 each.
No.	2—Long Arm Lever	- 2	0 ,,
No.	3—Lever and Segment	4	9 per set.
	4—Ratchet, with Handle for Chain		
	5—Short Arm. fitted with Brass Movement		
	6—Lever Movement, with 2 Brass Joints		
	7—Short Arm		
	8—Carriage for Wrought Tubing		
	9—Carriage for Wrought Tubing		
W ro	ught Tube Shafting cut and fitted to lengths	0	o per toot.

This Ventilating Apparatus consists of 4in. tube, supported by carriages the entire length of greenhouse, having an elbow-lever for each Ventilator, and by the lever movement, with brass fittings at one end, the whole of the Ventilators in the roof or front, up to 50ft, in length, may be opened by one movement. In a long length it is necessary that the rods be securely pinned at the joints, and that the elbow-levers work freely upon their centres.

75

HORTICULTURAL PROVIDERS.

#### Amateurs' Greenhouses.

Urged by the interest all amateurs take in the garden house question, a Garden Work representative recently called at Messrs. Cooper's establishment in the Old Kent Road, London, where, he had been informed, greenhouses were turned out by the thousand every year. What he saw confirmed all previous impressions as to the enormous demand for small greenhouses in general, and for those of Messrs. Cooper in particular. The Works are of considerable extent, but although only erected a very few years ago, they are already too small for the rapidly-growing trade, and are likely to be soon extended, an adjoining show-ground affording facilities for erecting fresh workshops. The latter are now in full activity. The greenhouse building trade has not so well marked a season as that of hot-water apparatus, being in active operation the greater part of the year; but the present is an exceptionally busy time.

exceptionally busy time.

Two Hundred and Fifty Houses a Week represent an average number of the structures sent out in the busy season, and as many as fifty are frequently sent out in a day. This wonderful rate is not, of course, maintained every week in the year; nevertheless, Messrs. Cooper claimed an annual output of 9,000 houses, and in the coming season they estimate, from the rapid growth of their trade, that the number will considerably exceed 10,000. This, the work of one firm alone, gives an idea of the number of small tenants' fixtures that are erected every year, and there can be no doubt whatever that the demand will continue annually, as amateurs find out what a vast amount of pleasure may be derived from a small house, and at what a comparatively trifing cost one can be procured. To speak of a **Greenhouse** at £2 17s. 6d. a few years ago one can be procured. To speak of a **Greenhouse at £217s. 6d.** a few years ago would perhaps have awakened a smile; but Messrs. Cooper supply a span-roof house 7ft. long, 5ft. wide, and 7ft. high, packed and placed on rail for that figure; and there is a cheaper one still at £2 10s. Where a pound or two more can be afforded, it is well worth paying it, in order to get a somewhat wider structure. Thus, a house 12ft. long, 8ft, wide, and 8ft. high, may be bought for £6, and it is an extremely useful size, affording space for a good amount of staging, with plenty of room for moving about. Two side stages, each 2½ft. wide and 12ft. long, afford room for a large number of plants, and this would leave 3ft. for a central pathway. A lean-to of the same dimensions may be bought for a sovereign less. Another very serviceable type of house is a small tenants' right fixture suitable for forcing, and is supplied at corresponding rates; while those who want larger forcing houses for brickwork will find suitable structures offered for that purpose. Growers for profit will find this class of house very useful and economical. Conservatories of various types and sizes are also built in large numbers.

various types and sizes are also built in large numbers.

Frames and Lights form a great feature of Messrs. Cooper's establishment. The demand for them is astonishing. In walking through the works our representative pointed to huge stacks of 6ft, by 4ft, frame lights, glazed and painted, ready for despatch, and inquired the price. They are quoted at 9s, each, unglazed 3s, 6d, each. They are cheap enough for anyone, one would think. Melon and cucumber frames and span-roof frames are also made and sold at a very low price. The system pursued, and by which the largest amount of work is turned out in the shortest time, is to have each portion of the work done by separate hands, some being employed as cutters and others as fitters. A large number of men are necessarily employed, and with orders flowing rapidly in they do not stand idle. Messrs. Cooper also have a large trade in glass; and Heating Appliances form a large department in themselves. Their "Invincible" heater—a fire boiler fitted with iron pipes and expansion syphon—was commented on recently; and they have other apparatuses heated by gas or oil. The Improved Hygienic heater, for the diffusion ratuses heated by gas or oil. The Improved Hygienic heater, for the diffusion of hot air, and the Amadeur's Assistant, which is fitted with 2in. or 5in. pipe and an expansion cistern, may be had to burn either oil or gas, and is in great

As to whether cheapness is or is not allied with good quality in respect to the glass structures turned out in such numbers by Messrs. Cooper, our representative saw nothing that would prompt any doubt in the matter. The materials employed appear to be thoroughly sound, and the workmanship excellent. At all events he is so well satisfied on this point that when he wants another house he has made up his mind to go to Messrs. Cooper for it, and the confident that he would be well served. Advice Number 1. and he is confident that he would be well served. - Garden Work.

HORTICULTURAL PROVIDERS.

### Horticultural Building.

Extract from THE ILLUSTRATED CARPENTER AND BUILDER.

"Who loves a garden loves a greenhouse too," wrote the pious and pleasant poet, William Cowper, and the widest induction—based at least on the experience of English humanity—irrefragably proves the soundness of the bard's aphorism. In our changeable and frequently severe climate some kind of protection for the more tender offsprings of Flora, and even Pomona, is an inevitable necessity. Hence, from the tiny Wardian case in the window of the artisan in the smoky city to the acres of glass which roof the conservatories of a feudal magnate of the provinces, the constructor of horticultural edifices finds his skill continually called into requisition. Doubtless, many of our readers who visited the Annual Building Exhibition at the Agricultural Hall, London, have been unavoidably struck by the extensive and beautiful display of buildings of this nature shown by Messrs, Cooper, 751, Old Kent Road, London, S.E.

Amongst the useful specialities for the amateur horticulturist produced by Messrs. Cooper, our space will only permit us to allude to some which principally commended themselves to us.

First of these was the Amateur's Span-roof Greenhouse, an excellently-designed and beautifully-made structure of various sizes. These greenhouses are made especially for amateurs at a cheap rate, so that everybody can have one that any handy man or gardener can put together in a few hours, as the framework is made so complete. All the framework is of good, sound, well-seasoned red deal. The bottom part filled in with good, sound matchboards, tongued, grooved, and beaded, and well seasoned. Ventilation given according to size of each house. The glass is good 16oz., and carefully packed (no charge for packing cases) The house is painted one coat of good oil colour; lock for door, all necessary ironwork for ventilators, stages on each side for plants. All parts carefully marked before leaving works, securely packed, and put on rail, or delivered, erected, and glazed complete within twenty miles of London Bridge.

Next we would notice the Span-roof Villa Conservatory, made

like the preceding, in various sizes.

This house is very suitable for the lawn of a villa residence, being well and substantially built and constructed of the best materials, as per illustration, or with diagonal panels, made of well-seasoned, tongued and grooved boards. The framework is all made of 2 in. by 3 in. good, sound, well-seasoned red deal, and the roof is supplied with all necessary Ventilators, complete with

HORTICULTURAL PROVIDERS.

quadrants, cords, cleats, and pulleys for opening same, and by means of which they can be opened to extent desired. Ventilation given according to size. Lattice staging on each side, footpath, gutters, down-pipes, and all necessary ironwork. Rim lock, with brass fittings. All woodwork painted two coats.

Omitting any mention of the other horticultural buildings made by Messrs. Cooper, we will next notice the "Invincible" Hot Water Apparatus (tenant's fixture). Concerning this the manu-

facturers remark:

"This is the simplest, cheapest, and most powerful hot-water apparatus made. The boiler stands in the greenhouse, the front only being outside and flush with the outer wall. It stands on the floor level, so that a sunk stokehole is not necessary. No brick setting is required; a hole is simply made in the brick or boarded front of the greenhouse, and the boiler let in, thus forming a 'tenant's fixture.' The boiler being in the house, the whole of the heat from boiler itself being utilised. This heat, in a No. 1 size, is about equal to that from a 9ft. 4in. hot water pipe. Being stoked from the outside no fumes can enter the house, and it is perfectly safe from risk of fire. The pipe terminates in an open feed syphon, which takes the place of supply cistern, and only requires filling about twice a week. The joints to the hot water pipes are made with elastic rings, so that the whole of the apparatus can be fixed by any handy person, a hot-water fitter not being required. The boiler is remarkably economical in fuel, and will burn more than twelve hours without attention, thus entirely dispensing with night stoking."

Lastly, we would mention the "Amateur's Assistant," concern-

ing which the manufacturers remark:

"Considering the number of small greenhouses that do not require much more than sufficient heat to keep out the frost, we are induced to place before the public an entirely new hot-water apparatus, which will answer the purpose required (burning either gas or oil), at a very low price, free on rail, and consisting of the following, viz.: No. 1. A boiler made of strong metal plates, on our well-known patent principle, and fitted with a suitable lamp if to burn oil, or with atmospheric burner if to burn gas; 8ft. 2in. galvanised steel pipes (4ft. flow and 4ft. return), one feeder stand to receive the ends of the pipes, also for the purpose of filling; four india-rubber rings for joints to boiler and feeder.



### WILLIAM COOPER, Limited,

Thorticultural Providers,
751, OLD KENT ROAD, LONDON, S.E.





# Ilustrated Catalogue

OF

# PORTABLE WOODEN BUILDINGS.

Photographic Studios & Dark Rooms.

CRICKET, FOOTBALL, TENNIS & GOLF PAVILIONS.

Scoring Boxes. Huts. Stores.

STABLE & COACH HOUSES. LOOSE BOXES.

Cow Houses. Shelters. Pigstys.

CYCLE HOUSES.

GRAIN STORES. WORKSHOPS.

Qc., Qc.

### A Horticultural Provider.

THE Old Kent Road owes a debt of gratitude to Mr. Albert Chevalier, who has given to it a notoriety peculiarly its own. But the popularity of this South London thoroughfare does not rest solely upon the refrain of the patter-singer; it has another claim to publicity, for the amateur horticulturist, at any rate, who is becoming to regard it as a familiar locality where greenhouse builders—particularly those of the size and style of house he affects—most do congregate.

Well down the road, towards New Cross, Mr. William Cooper established himself in business some years since, and during the several years that have intervened, he has found it necessary to successively enlarge his premises in order to meet the increasing demands of a rapidly developing business, until, at the present moment, he owns an extensive range of works, and employs a large number of assistants. The result, be it assumed, of keen business perception and enterprise, allied with a commendable perseverance that does him much credit.

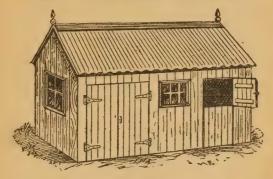
A recent visit afforded an opportunity of inspecting the stock he has accumulated in anticipation of the season's trade, by this time, we believe, in progress. In one of the warehouses devoted to ready-made erections, were stacked the sides and ends of amateurs' houses of various sizes in lengthy rows, ready for dispatch immediately upon receipt of orders; and an immense number of lights, ready glazed, and spick and span with fresh paint, were waiting consignment. The amount of material used in the construction of these appliances must be enormous indeed, and visits to the painting shop and stores but confirm this impression. An advantage possessed by Mr. Cooper is his proximity to the Surrey Commercial Docks, which renders transit to his timber yard an easy and economical matter. He has a large timber yard, well piled with wood in baulks, in which the material is stored as imported.

There is quite a succession of light warehouses, where the various forms of rustic work, poultry appliances, wooden buildings, &c., are manufactured, each one having a department of its own; others, again, being devoted to garden sundries, glass, heating apparatus, &c., which form no small item in this comprehensive concern.

Space will not permit a detailed mention of other departments, for the horticultural provider has not overlooked minor details, such as, for instance, sawing mills, moulding machines, and a lofty shaft, of recent erection, which will rear its head aloft when other more fragile sky signs shall have ceased to exist.—Amateur Gardening, Dec. 24.

HORTICULTURAL PROVIDERS.

# Portable Stable and Coach and Harness House.



No. 64.

These structures are constructed of good strong materials throughout, the sides and ends being covered with tongued, grooved and beaded matching, on 3in. by 2in. selected deal. The roof is covered with stout boards on strong principals and covered with felt, and the buildings are supplied complete with partitions, doors, windows, all necessary ironmongery, and glass. All in sections in perfect readiness for erection, and securely packed on rail at the following respective prices:—

			Heigh at	Height at			_	
Lot. Suitable for.	Length.	Width.	Ridge.	Eaves.	£	R.	d.	
1 pony and trap	14ft.	10ft.	10ft.	7ft.	9	10	0	
1 horse and trap	15ft.	12ft.	12ft.	8ft.	12	0	0	
2 horses and trap	· 20ft.	12ft.	12ft.	8ft.	15	0	0	
a norses and trap	aore.	1. 11. 0.	2.000					

Above prices do not include floor, which would be best of brick or concrete.

If the whole of Outside Woodwork Painted with our Patent Rot-Proof Composition, 10 per cent. extra.

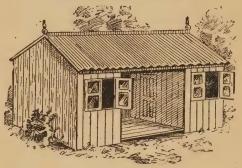
### Cooper's Disinfectas.

Clean, Cheap and Healthy. A little sprinkled about a Stable gives a clean appearance and a pleasant smell. Try it.

Per Sack (2 Bushel) 2s. 6d. Sack Included. 10 for 22s. 6d. Send for Sample Sack.

HORTICULTURAL PROVIDERS.

# Cricket, Football, Tennis and Golf Pavilion.



No. 65.

This is a Pavilion thoroughly adapted for cricket, football, tennis, or any other sports. It is soundly constructed of good strong material, with necessary partitions to form two dressing-rooms and open shelter, windows to open as shown. The sides, ends, and partitions are covered with tongued, grooved, and beaded boarding, on strong framing, 2in. by 3in., the roof covered with stout boards, and covered with felt; \( \frac{3}{4}in. \) floor-boarding, on 3in. by 2in. joists; all complete in sections, and carefully packed on rail, at the following respective prices:—

								Height						He											
Length.			Width.				8	t Ridge.						at E	a ve	s.					P	ri	ce	š.	
ft.			ft.					ft.						ft.	in.						£		3.	d.	
15		 	8					8						6	6					٠.				0	
17			10					8					۰	6	6				٠.	٠.	15		LO	0	
20			12					9						7	0					٠.			0	0	
26			12			. ,		9			٠,			7	0						22		0	0	
32			14					9							0						30		0	0	
Al an aim	 Ċ.			1:	_		-0	to min	0	~			T	Patir	20.0	tac	4	f	01		Timon	+i	70.	-	funa

Other sizes at proportionate prices. Estimates for Erecting, free.

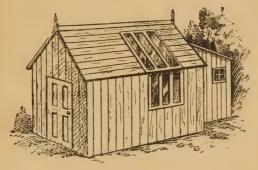
If the whole of Outside Woodwork Painted with our Patent Rot-Proof Composition, 10 per cent. extra.

Barnsley Foundry, Barnsley.

<sup>&</sup>quot;DEAR SIR,—We are highly satisfied with wood pavilion we had from you.—Yours truly, (Signed) KENWORTHY TAYLOR & Co."

HORTICULTURAL PROVIDERS.

# Span-Roof Photographic Studio with Dark Room.



No. 66.

This structure is substantially constructed of good sound tongued and grooved matchboards, roof of weather-boards, glass as shown, the dark room is fitted complete with slide, shelf and ruby glass window; floor and joists all over base; complete in sections, in readiness for erection, and securely packed on rail.

Lengt	Widt	h. I	leig	ht at	He	ight	at L	eng	th. W	'idtl	Price	
ft.	· ft.		ft.	ins.		ft,		ft.		ft.	£s.	
12	 8		8	6		6		4		4	 8 10	0
16	 . 9		8	6		6		5		4	 11 0	0
20	 . 10		8	6		6		6		4	 12 10	0
24	 . 12		8	6		6		6		4	 15 10	0

The dark room can be placed in any position as desired.

If the whole of Outside Woodwork Painted with our Patent
Rot-Proof Composition, 10 per cent. extra.

(Signed) STONE BROS."

<sup>2</sup> and 24, Danbury Street, Islington, N.
"GENTLEMEN,—We are very pleased with the Wooden Building you supplied, and shall recommend your firm to others,—Yours faithfully,

HORTICULTURAL PROVIDERS.

### Photographic Studios.



No. 67.

These structures are constructed sides and ends of tongued and grooved matching, on 3in. by 2in. framing; the roof is constructed partly of glass, the remaining portion being boarded and covered with felt. Floor of \$\frac{3}{4}\$in. boards, upon 3in. by 2in. or 4in. by 2in. joists, according to size of building. A sash to open can be had in roof or side, as desired; the structure is complete with panel door, with rim lock and furniture, and has barge boards and finials; constructed in sections in perfect readiness for erection, and packed on rail at the following respective prices:—

Length.		Width.	Height at Eaves. ft. ins.		Complete on rail.
12		8	 7 6		7 15 0
14 16	• • • • • • • •	10 10	 7 6 8 0	• • • • • • • •	11 5 0
20		12	 8 0		7/1 () ()
24		12	 8 0		15 10 0

If the above be fitted with projecting Dark Room with ruby window, size 6ft. by 3ft., £3; 6ft. by 4ft., £3 10s.

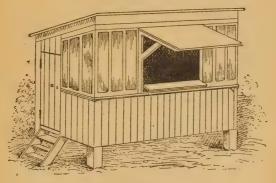
If the whole of Outside Woodwork Painted with our Patent Rot-Proof Composition, 10 per cent. extra. Strongly recommended.

Holmbury, St. Mary, Dorking.
"Gentlemen,—Span Roof Building arrived safe, which gives every satisfaction.
—Yours truly, (Signed) P. P. Ovmington."

HORTICULTURAL PROVIDERS.

### Pent-Roof Scoring Boxes.

As used at Cricket Matches, &c.



No. 68.

This is a very useful structure for the cricket field, &c. The bottom part is constructed of good sound tongued and grooved matchboards, upper part of glass, with wood flap in centre of front to lift up as shown; roof boarded and covered with felt. The whole structure mounted on legs 1ft. high and complete with floor and two steps up to door; 2loz. glass cut to sizes and packed in box for glazing; constructed in sections in perfect readiness for erection.

8ft. by 7ft.; 8ft. 6in. high in front; 6ft. 6in. high at back, including legs.

PRICE ... ... ... £5.

If the whole of Outside Woodwork Painted with our Patent Rot-Proof Composition, 10s. extra.

## Imperial Black Varnish.



For Iron Fences, Wood Palings, Farm Buildings, Poultry Houses, &c.

18 gal. casks, 20s.; 36 gal. casks, 34s.; Casks included. Carefully packed on rail. Casks not returnable.

1 gal. 1s. 6d. (can 6d.); 5 gal. 5s. (can 2s.).

HORTICULTURAL PROVIDERS.

### Span-Roof Photographic Dark Room.

Thoroughly well constructed of good sound tongued and grooved matchboards; roof covered with felt; and fitted complete with floor, ruby glass window and slide; table under window; dark ventilator and door with lock; in sections, in readiness for erection, and securely packed on rail as follows:—



No.	Lengt	h.	Width.		dge. in.	ıt		ght a ves. in.	t	£	rice	
1.	 . 4		4	 8	0		6	0		2	5	0
2	 . `5		4	 8	0	·	6	0		2	12	6
3	 . 6		4	 8	6		б	6		3	0	0
4	 . 6		6	 8	6	·	6	6		4	0	0

If Outside Painted with our Patent Rot-Proof Composition, 10 per cent. extra.



# Pent-Roof Portable W.C.

Constructed of good sound tongued and grooved matchboards. Roof boarded and covered with felt; lattice-wood floor; fitted inside with hinged seat and front complete; door complete; in sections in readiness for erection, and securely packed on rail.

3ft. 6in. by 4ft.; 6ft. high in front; 5ft. high at back.

PRICE ... £2 7s. 6d.

If Painted Outside with our Patent Rot-Proof Composition,
5s. extra.

HORTICULTURAL PROVIDERS.

### Keeper's Hut and Store.

Substantially constructed of good sound tongued and grooved matching, on strong 2in. by 3in. frame; roof of stout boards, on strong principals covered with felt: window in one side: door in two halves in one end. Complete with floor. Mounted on four strong wheels; the Hut is fitted with stove and chimney; in sections in readiness for erection, and securely packed on



No. 71.

8ft. by 6ft., 8ft. high to ridge, 6ft. high to eaves.

Quotations for other sizes on application. If Painted Outside with our Patent Rot-Proof Composition,

### Span-Roof Loose Boxes.



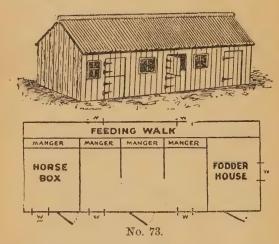
No. 72.

The illustration shows a range of three Boxes. They are constructed of good sound tongued and grooved lin. match-boards, on 3in, by 2in, framing. The roof is formed of stout boards on strong timbers, and covered with felt; doors and window to each box as shown; manger and hay-rack to each. Constructed in sections in readiness for erection, and securely packed on rail. Three Boxes, size over all, 21ft. by 9ft., 9ft. high to ridge, and 6ft. 6in. high to eaves, £17 10s.

Quotation for other sizes, or Single Boxes, on receipt of full particulars.

HORTICULTURAL PROVIDERS.

### Span-Roof Cow Houses.



These Houses are substantially built, the sides and ends being covered with 1in. tongued, grooved, and beaded matchboarding on strong 2in by 3in. frame. The roof is formed of stout boards on strong principals, and covered with felt; the houses are complete with doors and windows, and also partitions as shown, dividing it into loose box, fodder house, set in mangers, and feeder's walk. Constructed in sections in perfect readiness for erection, and securely packed on rail.

Size, 28ft. by 12ft., 11ft. to ridge, and 7ft. to eaves.

PRICE £25.

Doors and Windows may be had in any position as required.

If Painted Outside with our Patent Rot-Proof Composition,

50s. extra.

### Cooper's Disinfectas.

Clean, cheap and healthy; a little sprinkled about the cowhouse or stable give a clean appearance and pleasant smell.

TRY IT. Per Sack (2 bushel), 2s. 6d., sack included. 10 for 22s. 6d.

Send for Sample Sack.

HORTICULTURAL PROVIDERS.

### Grain Store.



No. 74.

The illustration here shows a most useful building for farmers, it being perfectly rat and vermin proof, and being constructed extra strong throughout will be found to be well suited for the purpose it is intended for; the roof is constructed of strong principals. boarded, and covered with felt, the sides of

matchboarding on strong framework; complete in sections in readiness for erection on ground level or piers at the following respective prices:

Length.		Width.			Heig	ht to lge.	Eaves.				Packed on Rail			
	ft.		ft.		ft.	in.		ft.	in.		£	S.	d.	
		 	10		 . 11	0		8	0		17	10	0	
	30	 	12		 . 12	0		. 8	6		24	0	0	
	40		14		. 13	0		9	0		35	0	0	

If painted outside with our Patent Rot-Proof Composition, 10 per cent extra.

### Pigsty and Open Yard.



This illustration shows a strongly-made Pigsty and Yard, and is suitable for placing in the open field, &c. The framing is of 2in. by 2in. throughout, covered with strong tongued and grooved boarding. Wood roof covered with felt.

The Pigsty is complete with halved door and ventilator (as shown), and the Yard, with strong door, securely packed on rail in sections to screw together, at the following prices:—

Size of Pigsty.—5ft. long by 5ft. wide by 4ft. 6in. in front by

3ft. 6in. at back.

Size of Yard.—6ft. long by 5ft. wide by 3ft. 6in. high. Price of Pigsty, £2 15s. Price of Yard, £1 1s.

HORTICULTURAL PROVIDERS.

### Span-Roof Open Shed or Garden



This Shed can be adapted for field, farm, poultry yard, or garden use. is constructed of good. sound, wellseasoned matching; the roof is boarded and covered with felt. In sections, in readiness for

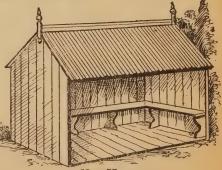
erection, and securely packed on rail at the following respective prices:

Height Height

Length.	Width.	to Ridge.	to Eaves.		
ft.	ft.	ft.	ft.	£ s. d.	
6	4	7	5	1 10 0	
7	5	8	6,	2 0 0	
10	Ω	O.	6		

### Span-Roof Garden Shelter.

This is a serviceable Shelter. strongly constructed of tongued, grooved, and beaded matching; roof covered with boards and felted: complete, with floor and seats inside, as shown. Complete, in sections ready for erection, and securely packed on rail.



No. 77.

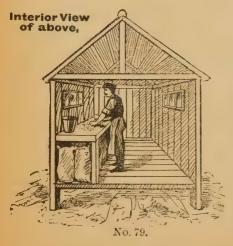
Length.		Width.	1	Ridge. ft. in.		Eaves ft. in.		Price.	d.
6 8	• • • • •	6		8 0 9 0	• • • •	6 0 6 0	••••	3 5 4 10	0
10 12		7 8	• • • •	9 0 9 6		6 0 6 6		5 15 7 0	0 C

HORTICULTURAL PROVIDERS.

# Span-Roof Keeper's Hut and Store.



No. 78.



A strongly-made structure with raised floor; constructed of good, sound, well-seasoned matching; roof of weather-boards; one window in each side, door in one end; complete with strong floor and bench; in sections in readiness for erection, and securely packed on rail.

If painted outside with our Patent Rot-Proof Composition, 10 per cent. extra.

#### PRICES.

8ft. by 6ft., 9ft. high to ridge ... ... £4 10ft. by 7ft., 10ft. ,, ,, ... ... £6

£4 10s. 0d. £6 0s. 0d.

HORTICULTURAL PROVIDERS.

### Portable Buildings.

(TENANTS' FIXTURES.)



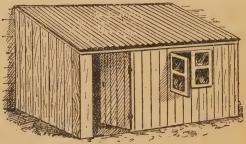
These buildings are substantially constructed of good sound tongued and grooved matchboards on

strong framework; they are complete with door, lock, and fittings, also window and floor: roof formed matchboards covered felt; in sections in readiness for erection, and securely packed on rail.

No. 80.

Length.	Width.			Ridge.	I	Price	
ft.	ft.		ft. in.		£	S.	d.
6	 4	 	6 0		2	10	0
8 .	 8	 	8 0		5	0	0
14	 10	 	8 6		8	Ü	0
20	 12	 	9 0		12	0	U

#### Lean-to.



No. 81.

		Height a	t		Boarded back
Length.	Width.	Back. Ea		Price.	extra.
ft.		ft. in. ft		£ s. d.	
6	. 4	7 0 5	0	2 10 0	0 7 6
7	. 5	7 6 5	6 ,.	3 10 0	0 12 6
10	. 6	8 0 6	0	5 0 0	1 0 0

HORTICULTURAL PROVIDERS.

### Lean-to Cooking Shed, Workshop, &c.



A very useful structurefor gamekeepers; constructed of good, sound. tongued and grooved matching, on strong wood framing. including back: folding doors in front, and glass ventilator in roof; complete with bench and floor; in sections in readiness for erection, securely packed on rail.

Size, 8ft. by 5ft. 6in, 7ft. 6in. at back, 6ft. high to eaves. PRICE £4 10s. Suitable stove for above, 30s. extra.

### Lean-to Workshop and Cycle House combined.



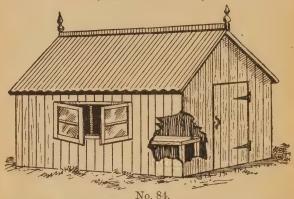
Similar in construction to No. 87, but with strong bench. 7ft. by 6ft., 8ft. high to ridge, 6ft. high to eaves. Complete, with back.

PRICE
£4 10s.
If painted outside with our RotProof Composition, 10
percent.extra.

HORTICULTURAL PROVIDERS.

### Strong Workshop.

(TENANT'S FIXTURE.)



Fitted with strong bench, bench screw, and back rack. The roof is boarded and covered with felt. The sides and ends are covered with tongued and grooved boarding, on strong framed sections. Complete with door, windows, floor, and joists, &c.

										Heigi	ht :	at			Ŀ	Leigi	it a	t					
Length.			7	W	'idtl	h.				Ric	lge					Eav	res.				1	Pric	e.
ft.					ft.					ft.	in.					ft.	in.				£	S.	d.
8					6					 7	6					4	6				5	0	0
10	 į.				8 .	- 1				 7	9		 			5	0				6	10	0
12					8					 8	0			٠.		5	3				7	10	0
14	 i	ì			8			i	ì	 8	6					5	6			 	8	10	0
16	 i	i			9		ı	i	ì	9	0					5	9		į.		10	0	0

The floor joists are 3in. by 2in., and 4in. by 2in., according to size of building, and the floor-boarding is \{\frac{3}{2}}in. thick.

If painted outside with our Patent Rot-Proof Composition, 10 per cent. extra.

### Span-Roof Portable Hut.

(DESIGN SIMILAR TO ABOVE.)

A well-built structure, constructed of good sound tongued and grooved matching, roof of weather-boards, window in each side to open, folding doors in one end; complete with floor and bench. Constructed in sections in readiness for erection, and securely packed on rail.

Size, 8ft. by 6ft; 7ft. 6in. high to ridge.

If painted outside with our Patent Rot-Proof Composition, 9s. extra.

94

HORTICULTURAL PROVIDERS.

### Portable Buildings.



for a number of purposes. The roof is boarded, and covered with

felt. The sides and ends are covered with tongued and grooved boarding strongframed sections in readiness for erection. Complete

with door. windows. floor, and joists. &c.

Length.	Width.	Ridge.	Height to Eaves.	Price.
1t. 6	ft. 4	ft. ins.	ft. ins.	£ s. d.
7	5	7 6	5 0	4 0 0
8	7	8 0	5 6	5 10 0

Prices for other sizes on application.

#### Lean-to.

This structure will be found very useful as an addition to house as kitchen, &c.



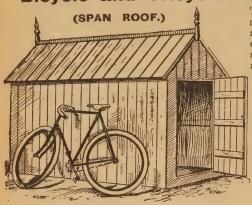
NO. 86.

Length.	Width.	Height at Back.	Height to	Price.
ft. 10	ft.	ft. ins.	Eaves. ft. ins. 5 0	£ s. d.
10	10 .	8 0	5 6	6 5 0

If outside painted with our Rot-Proof Composition, 10 per cent. extra.

HORTICULTURAL PROVIDERS.

### Bicycle and Tricycle Houses.



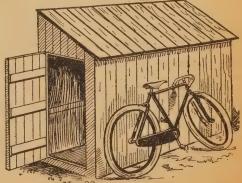
These Houses are substantially constructof good sound tongued and grooved matching, on strong frame, roof boarded, and covered with felt, and are complete floor. with They are sent in sections in perfect readiness for screwing together.

No. 87. Prices.

Bicycle Houses, 6ft. 6in. by 3ft. 6in. ... ... 2 0 0 0 Tricycle Houses, 6ft. 6in. by 5ft. ... ... 2 10 0

(LEAN-TO.)

If painted outside with our Rot-Proof Composition, 10 per cent. extra.



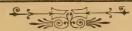
No. 88.

Bicycle Houses, 6ft. 6in. by 3ft., with back Tricycle Houses, 6ft. 6in. by 5ft. £ s. d. 1 15 0 2 10 0

## WILLIAM COOPER, Limited,

Iborticultural Idroviders,
751, OLD KENT ROAD, LONDON, S.E.

# SECTION III.





# Illustrated Catalogue

OF

# Incubators,

# FOSTER MOTHERS,

# Poultry Houses and Runs,

Coops, Duck Houses,

PIGEON COTES AND HOUSES,

RABBIT HUTGHES, \*

HORTICULTURAL PROVIDERS.

### Poultry-Keeping.

In presenting to fanciers, breeders, and all interested in the successful rearing of poultry, our List of Houses, Runs, and Appliances, a few general remarks will not be out of place.

Situation of the Poultry-Yard.—It is difficult to lay down any hard-and-fast rules as to the site for a poultry-yard, as this must depend on what land is available for the purpose. South or south-west aspect is desirable; at any rate, the place should be sheltered from keen winds. Poultry thrive apace, and pick up a good proportion of their own food, where a grass run is available, and this can be readily enclosed with wire

netting in order to prevent the birds from roaming.

Houses, Runs, and Coops.—Whether kept for exhibition, for egg-production, or for the table, it is imperative that fowls be properly housed; and the structure devoted to the purpose must be well ventilated without being draughty. Portable houses are strongly recommended by experts, especially where they can be kept in a dry field and moved from place to place where there are few or no trees, such as might entice the birds to roost in their branches. Some good types of houses and runs, and an assortment of coops of the most approved patterns, are shown in the following pages.

Varieties.—Dorkings, Plymouth Rocks, Scotch Greys, Silkies, Brahmas, and Cochins are considered by Prof. James Long to be the best sitters and mothers. The best layers are Hamburghs, Minorcas, Leghorns, Andalusians, Plymouth Rocks, and Houdans; while Spanish, La Flèche, Crèvecœurs, Minorcas, Andalusians, Houdans, and Langshans produce the largest eggs. Among the hardiest fowls are Plymouth Rocks, Langshans, Brahmas, Indian Game, Andalusians, Scotch Greys, Cochins, and Houdans, For size and weight, Dorkings, Cochins, Brahmas, and Langshans are recommended, and the Indian Game and Dorking cross

is acknowledged to produce the best quality table-fowl.

Food and Feeding.—The morning meal should consist of grain, such as crushed oats, or barley meal and sharps, mixed to a tough or crumbly consistency with hot water. It must not be sloppy; if it has been made too wet, dry it with pollard or bran. A second meal may be supplied at midday if thought desirable; but it should be sparse, varied, and well scattered abroad, so that the birds may find occupation in searching for it. Where a large grass run is available, no midday meal is necessary. The third and last feed, consisting of sound corn, should be given before the fowls retire to roost. Food should not be given in such abundance that it is left lying about. The birds require more hand-food in winter than in summer; and although they do not then lay so freely (taking a flock together)

HORTICULTURAL PROVIDERS.

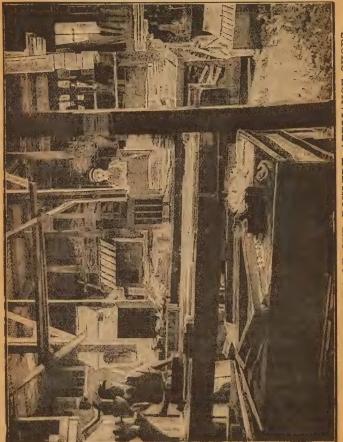
yet the older pullets and the strongest of the young hens may generally be induced to lay with great regularity if fed from day to day with the object of encouraging them to do so. Table scraps and sheep's paunches are useful stimulating foods for winter. Fowls will not thrive unless provided with plenty of coarse grit or crushed oyster-shells to aid digestion (sand is useless for this purpose), and they must have a dust bath.

Prevention of Diseases.—The extreme importance of cleanliness cannot be too earnestly impressed upon all who keep birds. By means of the frequent use of our Disinfectas, which is cheap and clean, two bushels only costing 2s. 6d., many of the scourges of our poultry-yards may be kept at bay. In the case of disease manifesting itself, the patients should be promptly removed to a hospital (for which purpose a cheap lean-to house, such as that shown on page 110, is well adapted), so that other

healthy birds may not be infected.

Hatching and Rearing Chickens.—Birds intended for early breeding should be selected in December. Some breeders make a point of hatching their chickens for exhibition purposes as early as 1st January. In any case, early hatching is as valuable to the breeder for the table and the egg-producer as to the fancier: it enables them to obtain the high prices which rule in the early months of the season, and to rear a much larger number of birds than they would otherwise be able to do. The strongest of the two-year-old hens should be mated with an earlybred cockerel of the year. Plenty of hard corn must be provided for them, and a swede or mangold to peck at is desirable. The number of eggs given to a broody hen must be regulated by her size. She should be removed from the other fowls, and her nest made of straw, upon the ground, in a properly-constructed nestbox (see p. 137), if it is prepared in any other position, it should have a freshly-cut turf at the bottom. Feed the hen once a day with barley or barley-meal; give also clean water and a few blades of grass. Hatching commences on the evening of the twenty-first day. When, a few hours after hatching, the chicks are removed to a coop (see p. 139) give them finely-chopped egg (shell included) and skimmed milk. As they grow, this food may be varied considerably, and may include new milk, rice boiled in skim milk. boiled and chopped macaroni, and a little cooked meat, adding gradually to the dietary boiled and raw groats, broken wheat, and buckwheat. Barley-meal and ground oats, stiffly mixed, form a staple food throughout the bird's career. When the chicks are old enough to leave the hen, they should be provided with a suitable lodging, such as my Portable Chicken Coop and Run (see pp. 142 and 145). With suitable houses, well-bred birds, energy, and scrupulous cleanliness, poultry-keeping is not only a pleasing occupation, but also a source of considerable profit.

# WILLIAM GOOPER, Ltd, 751, Old Kent Rd, London, S.E. HORTICULTURAL PROVIDERS.



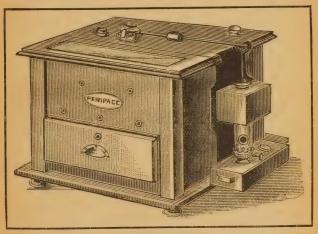
A CORNER IN

Our Poultry Appliance Department alone covers over 50,000ft. Floor Space.

HORTICULTURAL PROVIDERS.

### "Peripage" Patent Incubators.

(Six Prize Medals awarded) have been before the public twenty years. Highest Awards Incubator Competition. Absolutely Reliable. Simple to Use. Hatch every possible Egg.



No. 89.

#### THE "PERIPAGE" INCUBATORS.

Carefully packed on rail at the following prices:-

									Cop	per T	
			1.5	** 1	77		_		·	£ s.	d. 6
No.	1,	for	15	Hens'	Eggs			 	* *		
2.5	2,	. ,,	60		33			 		1 7	
22	3,	2.2	120		99	***	**	 	44.17	2 7	6
,,	4,		200		,,			 	• •	4 0	0
	5,		400		19	0.0		 		7 10	0

Crates for Packing, which we strongly recommend to prevent damage during transit, 1s., 2s., 3s., 5s., and 10s. respectively.

Plain, simple Instructions for Working, so that a child can manage, sent with every Incubator.

#### What they are and how they are made.

In the following description of our work we have endeavoured to be clear and concise, so as not to confuse any person with a lot

HORTICULTURAL PROVIDERS.

of "high-flown terms," (generally misapplied). We wish everyone to thoroughly understand what they are buying.

#### Cases

are of stout and well-seasoned timber of double thickness throughout, and by our special method of manufacture are stronger than any incubator sold. They are well finished and of excellent appearance.

#### **Tanks**

are all of best copper, with brass fittings. The flues are absolutely leakless, and thus the one great drawback that is so frequently found with Incubator Tanks is entirely removed. These leakless flues are our special patent, and no other maker can manufacture this form of Tank.

In practice, the results obtained from this Tank plainly shows its great value, because it radiates heat in such a manner as to give absolute uniformity of temperature over the entire surface of the egg-drawer, and the eggs in one place are not hotter than those in another.

If, through carelessness, the lamp-wick is turned up too high and made to smoke, the flue can be cleaned in a few moments by withdrawing a few screws and brushing out.

#### **Drying Boxes**

are not merely made for show, but for use, and are constructed so as always to remain at a good even temperature for drying-off chicks.

#### Regulation of Heat.

This is secured by a Thermostatic Capsule (patent applied for) which form of regulator has superseded all other methods. It is perfectly reliable and requires no attention.

Other Capsules have a tendency to expand between the centre stud and the outer edge, and do not regulate with that exactitude which is the great point in our Capsule.

It is by no means to be taken for granted that because an Incubator is fitted with a Capsule Regulator it is certain to work well. Rather than trust to a questionable regulator, it would be preferable to adjust the temperature of an Incubator by regulating the height of lamp-flame by hand.

When requested, we fit our improved Capsules to Incubators of other make than our own.

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#### HORTICULTURAL PROVIDERS.

Do not hesitate to make any enquiries of this Incubator on any point that you may wish to know, or come and see the Incubators. They will bear the strictest investigation.

NOTE.—Never buy an Incubator with a Tin Tank, nor one having a Tank with flues that cannot be easily swept.

Fitted with best Copper Tanks with Leakless Flues, Improved Safety Lamps with Burners and Wicks, Thermostatic Capsule Regulators (patent appplied for), Sensitive English-made Thermometers, Glazed Top Drying Boxes, Evaporating Trays, Sets of Canvas for Egg Drawer, Water Trays, complete and ready for use.

With full Instructions for Hatching Goose, Turkey, Hen, Duck, or Pheasant Eggs.

#### Our Opinion of an Incubator.

An Incubator is (practically speaking) a machine that will hatch eggs. If a machine is poorly and faultily constructed it will only spoil eggs, and may fall to pieces after a season's use. If a machine is properly constructed, but is so complicated as to require a resident engineer to run it, it is no good to the busy farmer for hatching. People buy Incubators to make profit by them—not to use them as toys. To make profit by Incubators you want a machine that—

- 1. Is Simple to Work. 2. Economical to Use.
- 3. Will Last for Years. 4. Is Inexpensive. And above all,
  - 5. Produces the Largest Number of Healthy Chickens.

The "Peripage" Incubator has been designed to fulfil the above requirements. It is the outcome of years of practical experience and tests, and wherever used is appreciated, We are constantly receiving testimonials from all over the country thanking us for results obtained by our Incubators. Some people have said on reading our advertisements that they were afraid the machines were "too cheap to be good." When they have seen and used our Incubators, they have said they are "too good to be cheap."

#### "HATCHED EVERY EGG EXCEPT ONE."

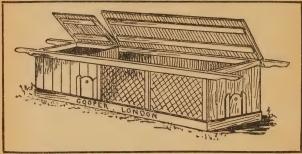
"Gentlemen,—The Incubator arrived this morning, and I am much pleased with it. How you can possibly produce it at so low a price puzzles me. It is easily regulated, and quite up-to-date."

#### (Later.)

"Gentlemen,—The first hatch of 'Wyandottes' has turned out well for your 200-Egg Incubator. With the exception of one, every fertile egg came off healthy and strong. On transference to the Foster Mother you sent me, the birds have gone on splendidly.—Yours truly,

HORTICULTURAL PROVIDERS.

# "Peripage" Patent Hot-Water Rearer or Foster Mother.



No. 90.

Do not confound this with similar Hot-Air Rearers sold, and do not buy a Rearer that will kill your Chicks, and will fall to pieces after a month or two's wear.

Carefully packed on rail at the following prices:-

		Length.	Width.		
Chick Size.		ft.	ft. in.	. £ 2	s. d.
15		4	 2 0	 1	0 0
60	3	6	 2 6	 11	0 0
120		8	 2 6	2 1	0 0

This form of Hot-Water Rearer is very popular and convenient, and has been pronounced by Poultry Authorities the most perfect Rearer that has ever come under their notice.

The Sleeping Chamber, heated by a Hot-Water Tank (best Copper), is spacious and quite devoid of projections of any sort behind or under which the Chicks can be injured or left in the cold.

It is double cased, and has a double roof, the floor being raised a few inches from the ground.

The Dormitory obtains light from the lamp fixed in outer run, and is also fitted with a shutter, so that Chicks can have light or be in darkness as is desired.

The fumes from lamp are directly conducted outside the Rearer, so that the air in both Sleeping Chamber and Runs is

always pure as well as warm.

The Run is fitted with wire netting of small mesh, and is also fitted for glass panes, so that in cold weather the Chicks can be protected from draughts, and the warm air can be kept in the Run.

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HORTICULTURAL PROVIDERS.

#### "Peripage" Patent Hot-Water Rearer-continued.

In warm weather the glass can be partly or wholly removed, so as to give full access to the outer air.

It is constructed for indoor or outdoor use all the year round, and is portable.

All parts can be very easily cleaned.

There are no corners for the Chicks to be crushed into.

It is airy in summer, yet will keep the Chicks warm during the coldest weather, and is absolutely storm-proof.

Chicks entrusted to this Rearer will thrive well, and always be

strong and healthy.

All parts are well and strongly made, and the whole is finished with one coat of good oil colour, and lime-whited inside.

Put Cooper's Disinfectas half-inch deep all over Sleeping Chamber before using, also sprinkle a little in Run. Per Sack (2-bushel), 2s. 6d.; 10 for 22s. 6d.

We subjoin.

# A FEW TESTIMONIALS,

as space will not admit of more.

#### "NO OTHER INCUBATOR CAN BEAT THIS RECORD."

"Dear Sirs,—I am pleased to inform you, out of fifty eggs put to hatch, forty-five chicks were hatched, and the other five eggs were unfertile. No other Incubator can beat this record. (Signed)

J. S. Badcock, Chief Boatman."

#### "GREATLY PLEASED WITH ALL THE (5) MACHINES."

"Dear Sir,—I may say that I am greatly pleased with all the Machines.

They give me the greatest satisfaction.—Yours sincerely,

(Signed)

H. Whitehead."

#### "A WONDERFUL MACHINE FOR THE MONEY."

"Gentlemen, —I have received Incubator all right, and started it. I consider it a wonderful machine for the money.—Yours faithfully. (Signed) C. Bates."

#### "OUR WHOLE TOWN CAME OUT TO SEE YOUR INCUBATOR"

"Gentlemen,—We all like your 200-Egg Incubator very well. Our whole town came out to see your Incubator. I want one Foster Mother to order. Please let me know if we receive him in eight days' time. We can do lot of business with you.—Yours truly,

HORTICULTURAL PROVIDERS.

#### TESTIMONIAIS—continued.

Read the opinion of J. H. SUTCLIFFE, Esq., the eminent Authority on Poultry, and Incubator Expert (Author of "Artificial Incubation and its Laws," &c., &c.), on the "Peripage" Incubator.

Felliscliffe, Ripley, Leeds. "Dear Sirs,—We have had a very successful hatch from your machine, and I can confidently recommend it as a good hatcher, and excellent value for money.—Yours faithfully, (Signed) J. H. SUTCLIFFE."

#### "ITS SIMPLICITY."

To Mr. W. Cooper. Wooton. Cley, S.O., Norfolk. "Dear Sir.—Have received incubator duly and safely, and am very well pleased with it. Its simplicity of mechanism is splendid, and I believe from all appearances it will work easily and well. I thank you, and wish your honest and honourable endeavours success .- Yours truly, GEORGE BUTLER TAYLOR." (Signed)

#### " HATCHED EVERY EGG."

"Dear Sir.—I think I ought to write and tell you that the Incubator I received of you four months ago is one of the best hatching machines in existence as I have hatched every egg that was fertile with it. Trusting you will sell plenty of them, as I shall do all I can to push them for you.—Yours truly,

#### "A LOT LESS TROUBLE THAN HENS."

Bexley. "SIRS,-You will be glad to hear that the 100-Egg Incubator I purchased of you has been most successful in hatching strong healthy chickens. In never had a better lot of birds, and I am thoroughly satisfied that your Incubators are all you claim for them to be, and certainly a lot less trouble than hens,-Yours truly.

#### "HATCHED EVERY FERTILE EGG."

12, Pearson Street, Parkfield, Stockton-on-Tees, Durham. "Gentlemen,—I have given the Incubator purchased from you a fair and impartial trial, and I consider it a very good Machine, and well worth the money. A child can manage it, and it has hatched every fertile egg.—Yours truly,

(Signed)

L. Marshall."

#### "A CAPITAL THING."

Tree Dairy, Beverley. "Gentlemen,—Your Foster Mother is a capital thing. Not got up only show, but a very useful article. Geo. Julian Cherry." for show, but a very useful article.

#### "MORE THAN SATISFIED."

12. Gee Street, St. Luke's. "GENTLEMEN,-I am more than satisfied with Hot Air Rearer; it gives perfect satisfaction.

#### "HOW YOU SELL IT FOR THE MONEY I CANNOT IMAGINE."

21 Ashford Road, Lower Tottenham. "DEAR SIRS,-It is with the greatest satisfaction I write to tell you your Incubator has hatched every fertile egg. How you can possibly sell it for the money I cannot imagine.

"I had heard that some of the very cheap Incubators advertised were no good, but I find yours is exactly what you claim it to be.

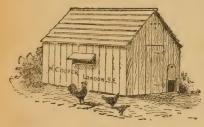
"Will recommend it to all my friends.—Yours faithfully,

(Signed) G. BLEEZE."

HORTICULTURAL PROVIDERS.

### Movable Poultry Houses.

(Span-Roof.)



No. 91.

No waiting, hundreds in stock.

Thousands sold every season.

These Houses are made of thoroughly seasoned match - boards, in sections, so that they may be easily put together. They have ventilator, sliding shutter, and the doors are fitted with locks.

#### (Lean-to.)



Packed on rail at the following prices:—



No. 92.

		Height.		Span-Roof.	Lean-to.
ft.	ft. in.	ft. in.	ft. in.	£ s. d.	£ s. d.
3	2 6	4 6 .	2 9	. 0 15 0	0 12 6
4	3 0	5 0 .	3 0	. 1 0 0	0 17 6
				. 1 5 0	1 0 0
6	4 0	6 0	3 9	. 1 10 0	1 5 0
7	5 0	. 66.	4 0	. 1 16 0	1 10 0
9	6.0	7 0	4 3	2 2 0	1 15 0

The following are extra:—Nest-boxes, 6d. each, 5s. per doz.

Perches, 1d. per foot.

These Houses are exceedingly adaptable for Potting, Tricycle, Coal, and Wood Sheds.

Folding Doors for Tricycle Houses, 3s. extra.

If Outside Woodwork painted with our Patent Rot-Proof Composition, 10 per cent. extra.

HORTICULTURAL PROVIDERS.

### The "Favourite" Poultry House.



No. 93.

Made in sections, simply screw together, complete, with door in side, lock and key, and window at end, with flap at back for access to nest-boxes. A raised floor about 2ft. from ground, so as to form a dry run underneath nest.

Fitted with perch, ladder, nest-box, &c. Painted one coat outside. Carefully packed on rail at the following prices:—

		Height to		
Length.	Width.	Ridge		
Length.	ft. in.	ft. in.	£ s.	d.
3	 2 6	 5 0	 0 17	6
4	 4 0	 6 0	 1 4	0
5	 4 0	 6 0	 1 5	0
6	 4 0	 6 0	 1 12	0
7	 5 0	 6 6	 2 0	0
8	 6 0	 7 0	 2 5	0

If painted with our Patent Rot-Proof Composition, 10 per cent.

### Cooper's Disinfectas.

Use **Cooper's Disinfectas** for your nests; better than hay or straw; also sprinkle it about house and run. Cheap, clean, and healthy. Per Sack (2-bushel), 2s. 6d.; 10 for 22s. 6d.

Send for Sample Sack.

#### "WELL SATISFIED."

66, North Cray Road, Bexley.

"DEAR SIR,—I have received the Fowl House ordered from you, for which I am obliged, and am well satisfied with same. (Signed) MISS G. JOHNSTONE."

HORTICULTURAL PROVIDERS.

## Span-Roof Improved Poultry House.



No. 94.

These Houses are very roomy and well ventilated, and specially constructed so that they may easily be taken to pieces or erected. They have a door and windows at the ends, a flap at back for easy access to the nest-boxes, are raised from the ground 2ft. so as to form a dry run underneath, made of good sound materials, painted one coat outside, and roofed with weather-boarding. Carefully packed on rail at the following prices:—

Length.	v	Vidth.	 Ri	ht to dge. in.	0		ht tves. in.	0	£	8.	d.
4		3	 5	9		4	0		1	10	0
		4		0		- 4	0			0	0
		4	 6	3		4	3		2	20	0
7	 	5	 6	6		4	6		3	5	0
Q		6	7	Ω		4	9		- 4	-0	0

If Outside Woodwork painted with our Patent Rot-Proof Composition, 10 per cent. extra.

To keep your Poultry healthy, make their Nests of **Cooper's Disinfectas**, and sprinkle same about House and Run daily. Per Sack (2-bushel), 2s. 6d.; 10 for 22s. 6d.

#### "IT IS CHARMING."

Westover, Teddington.

GENTLEMEN,—I am much obliged by your sending the little house so quickly. It is charming, and looks so nice now it is up.

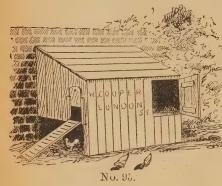
Faithfully yours,

(Signed) R. G. FERGUSON (Mrs.)

HORTICULTURAL PROVIDERS.

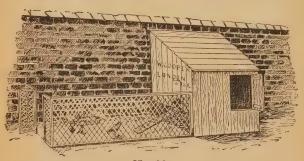
#### Cheap Lean-to Fowl House.

For placing against a wall.



This House will be found useful where limited. space is Made in sections it can be easily fixed against wall, fence. &c. It has a raised floor and ladder, is fitted with perches, nest - boxes. shutter, and lock and key to door. Complete, and oil-painted outside. Carefully packed on rail at the prices given below.

THE ABOVE HOUSE WITH RUN.



No. 96.

Length.	Width.	Height to Ridge.			Run only.
ft.	ft. in.	ft. in.	£ s. d.	ft.	£ s. d.
3	2 6	5 0	150.	4 '	0 7 6
4	4 0	5 9	1 12 6 .	6	0 10 0
5 ,	5 0	6 3	200.	7	0 15 0
6	6 0	7 3	2 5 0 .	8	1 2 6

Use Cooper's Disinfectas for Nests. Per Sack (2-bush.), 2s. 6d.

HORTICULTURAL PROVIDERS.

#### Improved Span-Roof Poultry House.



No. 97.

This style of House is recommended for profitable fowl-keeping. It has a raised floor, sliding shutter, and ladder, as shown in illustration, and is fitted inside with Nest-boxes, with

THE ABOVE HOUSE WITH RUN.



No. 98.

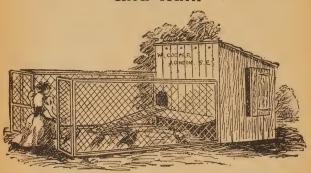
flap at back for access to Nest-boxes and Perches. Lock and key are supplied to both flap and side door. Oil-painted outside, and carefully packed on rail complete after prices below:—

		TICIZIID		or mante Thuir.	
				Length.	
řt.	ft. in.	ft. in.	£ s. d.	ft.	£ s. d.
3	. 2 6	5 0	1 10 0	4	0 7 6
				6	
				7	
6				8	
	Fi	tted with	Wheels, $10s$	s. extra.	

If Outside Woodwork Painted with our Patent Rot-Proof Composition, 10 per cent. extra.

Sprinkle Cooper's Disinfectas in all Houses and Runs daily. Cheap, Clean, and Healthy. Per Sack (2-bushel), 2s. 6d.

## Portable Lean-to Poultry House and Run.



No. 99.

This House can be readily moved for change of ground. It is easily fixed, being made in sections. The floor is raised above the run, and the roof weather-boarded, rendering it rain-proof. It is fitted with nest-boxes, perches, sliding shutter, and door with lock and key. The wire-netted run is 4ft-high, and is made with door at the end, oil-painted outside with one good coat. Carefully packed on rail at the following prices:—

House.	Run.	£ s.	d.
4ft. by 3ft.	 4ft. long	 2 2	
5ft. by 4ft.	 6ft. ,,	 2 15	0
6ft. by 5ft.	 7ft,	 3 10	0
8ft. by 7ft.	 8ft	 5 0	0

These Poultry Houses are portable and complete in themselves, requiring no wall to lean against.

#### Cooper's Egg Producer.

Keep your stock in perfect condition, and have abundance of eggs all the year round. Young Chicks thrive well on it, and become strong and good layers. Laying Hens—improves condition, increases number of eggs, and promotes fertility. A Wonderful Bone and Size Producer. Keeps the plumage bright, gives protection against climatic changes.

PRICE 1s. 6d., post free. Full directions with each tin.

#### Poultry House with Covered Run.



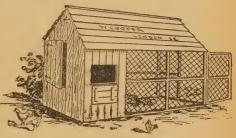
A strongly-built serviceable structure, constructed of good sound tongued and grooved matching, weather-board roof. The Run is covered at sides and front with galvanised wirenetting, the bottom part being boarded up, thus excluding draughts. Constructed in sections

in readiness for erection. All outside woodwork painted in good oil-colour. Carefully packed on rail at the following respective prices:—

1205						£	S.	d.
1216.	by	41t.	by	6ft.	high	3	5	0
12It.	by	6ft.	by	7ft.	high	4	0	0

### Poultry House and Covered Run.

This is a compact House for a few birds; thoroughly well made. It has a raised floor and ladder, a door at back, and hinged flap at side for collecting eggs; weather boarded roof over House and Run, painted one coat outside.



No. 101.

Fitted complete with Nest-boxes and Perches. Carefully packed on rail at the following prices:--

Length.	Width.	Height to Eaves.	
ft.	ft. in.	ft. in.	£ sd
7	 3 0	4 0	2 10 0
9	 3 6	4 6	3 0 0
12	 4 0	5 0	3 10 0

Sprinkle the Sleeping Chamber and Run daily with Cooper's Disinfectas.

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HORTICULTURAL PROVIDERS.

# Double Improved Fowl House and Run.



No. 102.

This is a Span-Roof Poultry House, with partition through centre, thus forming two complete Houses; each House has raised floor, which forms a dry run underneath; fitted with nests, perches, ladders, and flap for access to eggs. The runs are composed of wood framing covered with galvanised wire-netting at sides, ends, and top; each being fitted complete with gate. Constructed in sections in readiness for erection, and securely packed on rail at the following respective prices:—

_Total	Size_ H	[eight at	Height at	
Length.	Width.	Ridge.	Eaves.	
ft.	ft.	ft. in.	ft. in.	£ s. d.
6	6	6 0	4 0	2 10 0
6	8	7 0	4 6	3 15 0
7		7 6		
8			5 0	5 0 0

If outside woodwork painted with our Patent Rot-Prcof Composition, 10 per cent. extra.

#### Cooper's Disinfectas.

Cheap, clean, and healthy. Sprinkle a little in Poultry House daily. Nothing to equal it for keeping Poultry in good health. Try it. Per sack (2-bushel), 2s. 6d., sack included; 10 for 22s. 6d.

Maltby, near Rotherham.

W. COOPER, Esq. "Dear Sir.—I was advised this morning that the Poultry House was at the station. This is the third Poultry House I have had from you, and I beg leave to say I am very much pleased with them. Should I require anything for the future, I shall be very pleased to give you the order.—Yours faithfully.

HORTICULTURAL PROVIDERS.

#### The "Gem" Poultry House.



No. 103.

This is a double House, constructed to economise space, and admit of two varieties being kept apart. Each division is 6ft. by 4ft., and the floor is raised 2ft. from the ground, with ladders connecting, as represented in the illustration. It is well lighted and fitted. The eggs are collected from outside by raising a hinged flap provided for the purpose. The house is made of well-seasoned red deal boards, each being tongued and grooved, and put together in sections for screwing together; oil painted outside. Carefully packed on rail.

St. long, 6ft. wide, 6ft. high to eaves, 7ft. 6in. to ridge, £3 5s. Runs 6ft. long, complete for this house, 30s. extra. Making

two Houses and Runs. Complete for £4 15s.

#### Cooper's Disinfectas.

Cheap, clean and healthy. There is nothing better to keep Poultry Houses sweet, and Stock in good condition. Per Sack, (2-bushel), 2s. 6d.

#### **Drinking Fountains.**



FOR YOUNG CHICKS.

Strong, well made of Zinc. Last a lifetime.

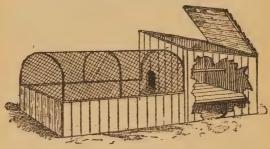
Always maintains a fresh supply of clean water, and can be easily filled.

PRICE, 1s. 6d.

HORTICULTURAL PROVIDERS.

#### Chicken House and Run.

Suitable also for Bantams, Rabbits, &c.



No. 104.

This House and Run is well adapted for chickens, bantams, rabbits, &c., and is vermin and cat proof. It is soundly constructed of good sound timbers, and has raised floor about 12in. from the ground. The roof of house is hinged, thus affording easy access inside.

The Run is constructed in sections, the upper part being covered with galvanised wire netting, and is supplied complete.

Woodwork of House and Run painted outside.

All complete in sections in readiness for erection at the following respective prices:—

House Length.	Back to Front.	1	Height of Front.	Length of Run.		
ft.	ft.		ft.	. ft.	£ s.	d.
2	 2		3	4	 1 5	0
3	 2		3	6	 1 10	0
4	 2		3	6	 1 1.5	0

#### Cooper's Disinfectas.

For Poultry Houses and Runs, Kennels, Rabbit Hutches, Stables, &c. Clean, cheap, and healthy. Per sack (2-bushel), 2s. 6d.; 10 for 22s. 6d. Sacks included.

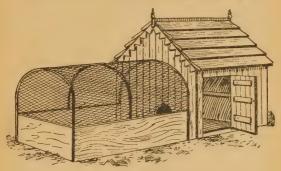
Hookewood Cottage, Hind Head, Haslemere.
"Messrs. Cooper,—I have had one of your Chicken Houses for eight
years, and I am most thoroughly satisfied with the wear of it.—Yours, &c.,
G. J. Williams."

New Park, Messing Heath, Kelvedon, Essex.
"Sir,—The Coops and Runs duly came to hand forthwith, and I am obliged. We find them satisfactory and useful.—Yours faithfully,
H. B. LOORER."

HORTICULTURAL PROVIDERS.

#### Portable Bantam House and Run.

Suitable also for Chickens, Rabbits, Dogs, &c.



No. 105.

This is a neat design, and the quantity of purposes it can be utilised for commends it as a most useful article. It is constructed of good sound tongued and grooved matching, and is fitted with ornamental barge boards, loose floor, door in one side, complete with lock.

The Run is covered with galvanised wire netting. Perches and nests are included if for bantams or chickens; a partition included if for dogs, thus excluding draught; a spline floor and wire netting bottom for Run, if for rabbits. Complete in sections, in perfect readiness for erection, and packed on rail, at the following respective prices:—

Length.	Width.	of Run.	
ft.	ft. in.	ft.	£ s. d.
2	 2 6	4	1 10 0
3	 3 6	6	2 0 0
Δ	4 6	8	3 0 0

Sprinkle a little **Disinfectas** in your house Daily.

2s. 6d. per Sack (2-bushel).

#### Roofing Felt.

Patent Asphaltic Rolls, 25yd. long by 32in. wide., 3s. 6d. per Roll. Better quality, 4s. 6d. Nails for fixing Felt, in boxes of 250, 6d.; 500, 1s.

HORTICULTURAL PROVIDERS.

## Span-Roof Bantam House and Run.



No. 106.

This is a very neat design. It is constructed of good strong tongued and grooved matching, roof, weather-boards with ornamental finials. The Run is covered with galvanised wire netting. All outside woodwork painted one coat, and securely packed on rail:—

Length.	>	Width.	of Run.	1 6	Price.
ft.		ft. in.	ft.		£ s. d.
2		2 6	 4		1 5 0
3		3 6	 6		1 15 0
4.		4 6	 8		2 10 0

Try a Sack of Cooper's Disinfectas (2-bushel), 2s. 6d.

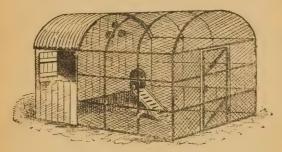
#### Cooper's Egg Producer.

Keep your stock in perfect condition, and have abundance of eggs all the year round. Young Chicks thrive well on it, and become strong and good layers. Laying Hens—improves condition, increases number of eggs, and promotes fertility. A Wonderful Bone and Size Producer. Keeps the plumage bright, gives protection against climatic changes.

PRICE, 1s. 6d., post free. Full directions with each tin.

#### Portable Poultry House.

WITH CURVED ROOF.



No. 107.

A very neat design, and well made. The House is constructed of good, sound, tongued and grooved matching; the roof of curved galvanised corrugated iron sheets; complete with nests, perches, ladder, and flap for access to eggs. It has a raised floor, thus affording a dry shelter underneath. The run is covered with galvanised wire netting, and is fitted complete with gate; all outside woodwork painted one good coat of oil-colour, and inside whitewashed. Constructed in sections in readiness for erection, and securely packed on rail at the following prices:—

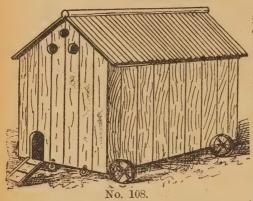
Size. Sizes over all of	Houses and	Runs.			£	s.	d.
1. 10ft. by 4ft., 6ft. hi	igh to ridge		••	• •	3 1	15	0
2. 12ft. by 4ft., 6ft.	27 *1				4	5	0
3, 16ft. by 4ft., 6ft.		••		• •	5	0	0

## Make your Nests with Cooper's Disinfectas.

Better than Hay or Straw. Cheap, Clean, Healthy. Try it. Per Sack, 2s. 6d. (2-bushel), sack included; 10 for 22s. 6d.

HORTICULTURAL PROVIDERS.

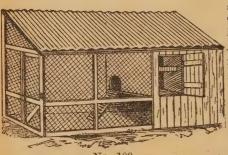
## Span-Roof Poultry House on Wheels.



This House is substantially constructed of good. sound tongued and grooved match. ing; complete with floor, nests, perches, and ladder. It is mounted on four strong wheels. outside woodwork painted with our Patent Rot-Proof Composition.

PRICES, 6ft. by 4ft., £3; 6ft. by 5ft., £3 10s.

#### Lean-to Poultry House with Covered Run.



This is a neat structure, and made of the best tongued, grooved, and beaded boards; with shelter underneath. Roof. feather-edge boards. Door complete, with The run is covered with netting, and is complete with gate and lock to same. Carefully packed on rail the following prices :-

HORTICULTURAL PROVIDERS.

# The New Combination Poultry, Pigeon, &c., House.



No. 110.

This is a Poultry and Pigeon House combined, with two compartments on each side of the Dry Run underneath the raised floor, that may be used either for hatching-boxes, fattening-pens, or rabbit-hutches. Each division has a separate door; a ladder is provided from the run to the roosting-chamber. It is a compact house, well built, and fitted with nest-boxes and perches. It is roofed with feather-edge boards, and the Run is made of wire-netting strained over a strong frame, and has doors at the end. The outside is oil-painted with two coats, and the inside is limewashed. Carefully packed on rail.

PRICE ... £4 10s.

House, 6ft. wide, 3ft. deep. 6ft. high to eaves; run 6ft. long, 6ft. wide.

#### **Drinking Fountains.**

FOR YOUNG CHICKS.

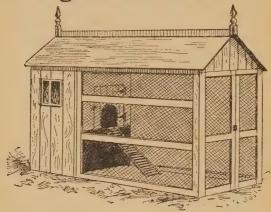
Strong, well made of zinc. Last a lifetime.

Always maintains a fresh supply of clean water, and can be easily filled.

PRICE ... 1s. 6d.

HORTICULTURAL PROVIDERS.

#### Span-Roof House and Run for Pigeons or Poultry.



No. 111.

This illustration is of ornamental design, and is constructed in sections to bolt or screw together. The roof is of feather-edge board These buildings are fitted with doors, windows, ventilators, nests, and perches, complete; and are securely packed on rail at the following respective prices:—

Length.	Width.	٠	Ridge. ft. in.		Eaves. ft. in.	£ s. d.	
6	 . 7		5 0	* * * *	3 6 4 0	 2 10 0	
8 10	 A		77 ()		5 0	 3 5 0	
12	 		7 0		5 0	 4 0 0 5 0 0	
14	 . 6		8 6	1111	5 6	 5 0 0	

Cooper's Disinfactas—Cheap, Clean, and Healthy, 2s. 6d. per Sack.

### Cooper's Cramp Cure.

FOR YOUNG CHICKENS, FOWLS, &c.
Sold in bottles. PRICE, 1s. 6d., post free. Full directions
with each bottle.

### Insect Powder for Poultry.

In tins. PRICE, 1s. 6d., post free.

# Lean-to Poultry House, with Corn-Room and Run.



No. 112.

This House is substantially constructed of good, sound, tongued and grooved matchboard. It is provided with raised floor, and fitted complete with nests, perches, ladder, and ventilator; 2ft. partitioned off to form corn-room, which has door and lock complete to same. The roof is of feather-edge boards. The run is formed of wood framework covered with galvanised wire-netting, and is fitted complete with gate. All outside woodwork painted one coat of good oil-colour. In sections in readiness for erection. Securely packed on rail at the following respective prices:—

Length	Fre		) Н				ght 11 ont.	engt Run			
ft.	ft.	în.		ft.	in.	ft	. in.	ft.	£	s.	d.
12	 5	6		8	0	 	0	 12	 6	0	0

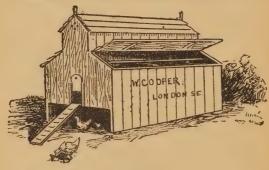
#### Cooper's Disinfectas.

Make your Nests with **Cooper's Disinfectas**, and sprinkle some in House and Run daily to keep your Stock healthy.

2s. 6d. per Sack.

HORTICULTURAL PROVIDERS.

#### New Improved Span-Roof Poultry House, with Extended Sides.



No. 113.

As will be seen by the illustration, this House is constructed to facilitate both cleanliness of the Nests and collecting the eggs without disturbing the Birds inside. It has a raised Floor with ladder; under this the Birds can find shade from sun and shelter from rain. The elevation of this House renders it suitable, with the addition of an Extended Top, for keeping Pigeons as well as Fowls. Strongly made, painted, and fitted with Nest-boxes and Perches. Carefully packed on rail at the following prices:—

	£ s.	
House, 5ft. long, 5ft. wide	2 10	0
Run 6ft long	0 12	6
House, 6ft. long, 5ft. wide	3 0	0
Run 7ft long	0 17	6
House, 8ft. long, 6ft. wide	4 0	0
Run 8ft long	1 5	0

The above can be supplied with the top extended as a Pigeon House for which it is very suited, at an extra cost of 12s. 6d., 15s., and £1 respectively.

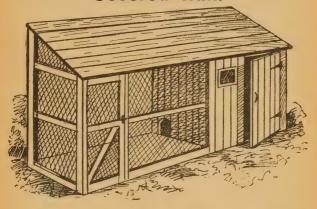
#### Cooper's Cramp Cure.

FOR YOUNG CHICKENS, FOWLS, &c.

Sold in Bottles. PRICE, 1s. 6d., post free. Full directions with each bottle.

HORTICULTURAL PROVIDERS.

## Lean-to Fowl House with Covered Run.



No. 114.

This House is strongly constructed of good sound matching; the roof of both House and Run is of matchboarding covered with felt; the House is fitted complete with glazed window, nests, and perches, but no floor; the Run is formed of wood framing covered with galvanised wirenetting. All outside woodwork painted one coat of good oil-colour. In sections in readiness for erection, and securely packed on rail at the following respective prices:—

Length.	Width.	Back.	at	Height Front. ft.	£ s. d.	Boarded Back extra. £ s. d.
8	4 .	 6		4	2 10 0	0 5 0
10	5 .	 7		5	3 10 0	0 7 6
12	5 .	 7		5	4 0 0	076
12	б.	 8		5	5 0 0	0 10 0

To keep your Stock healthy, sprinkle a little of Cooper's Disinfectas daily in House and Run. 2s. 6d. per Sack.

#### Feeding Troughs.

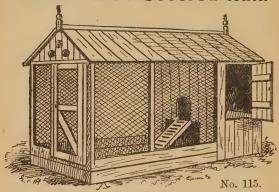


FOR YOUNG CHICKS.

Strong, well made of zinc. Last a lifetime.
With removable guard for cleansing.
PRICE, 1s, 6d.

HORTICULTURAL PROVIDERS.

#### Improved Span-Roof Poultry House with Covered Run.



This is a neat design, constructed of good, sound, tongued and grooved matching. The House has a raised floor, and is complete with nests, perches, and ladder. The Run is constructed of wood framing covered with galvanised wire-netting, fitted with gate. All outside woodwork painted one coat. Complete in sections in readiness for erection.

	Heig	ht to	Ri	dge. Hei	${f ght}$ 1	to E	aves.	F	rice.	
ft. ft.		ft.	in.		ft.	in.		£	s.	d.
10 by 4		6	6		5	0		3	10	0
12 by 5		7	6		5	6		4	0	0
18 by 6		8	6		6	0		5	10	0

Sprinkle Cooper's Disinfectas daily in House and Run.

### Cooper's Roup & Condition Pills

(UNEQUALLED).

Cure for Roup, Rattling in the Throat, Coughing, Diarrhea, &c. In boxes.

PRICE, 1s. 6d., post free. Full directions with each box.

#### Cooper's Cramp Cure.

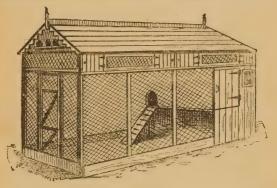
FOR YOUNG CHICKENS, FOWLS, &c. Sold in Bottles. PRICE, 1s. 6d. post free. Full directions with each bottle.

#### Insect Powder for Poultry.

In Tins. PRICE, 1s. 6d., post free.

HORTICULTURAL PROVIDERS.

### Span-Roof Poultry House, Covered Run, and Pigeon Loft.



No. 116.

This is an ornamental design. The House is complete with nests, perches, and ladder; and has raised floor, thus affording a covered run for the poultry; the Run is composed of wood framed hurdles covered with galvanised wire-netting, and is complete with gate. The structure is complete with pigeon-loft at top. All outside woodwork painted one coat of good oil colour. Complete in sections in readiness for erection, and securely packed on rail.

Size over all.				£	s.	d.
12ft. by 5ft., 7ft. high .	 	 	 ,	5	0	0
14ft. by 6ft., 8ft. high	 	 	 ٠	6	5	0

#### Cooper's Disinfectas.

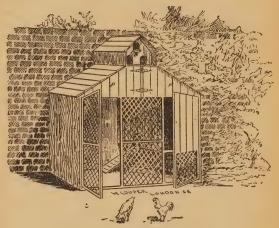
Sprinkle a little in House, Run, &c., daily. Cheap, clean, and healthy. Nothing to equal it for keeping poultry in good health. Try it. Per Sack (2-bushel), 2s. 6d., sack included; 10 for 22s. 6d.

Cheshunt Cottage, Cheshunt, Herts.

"GENTLEMEN,—I received the Fowl House in due course on Saturday, and am very pleased with it, and I shall hope to do further business when the opportunity occurs. Thanking you for your prompt attention.—I remain, yours. &c.

HORTICULTURAL PROVIDERS.

# Combination Fowl and Pigeon House.



No. 117.

This House will be found useful in both large and small establishments. Its compactness facilitates the keeping of several kinds of stock under easy management. The main body is constructed for Fowls, under which is a dry run. Above the Fowl House are compartments that may be used for other kinds of stock, such as Rabbits, etc., or they may be used as fatteningpens for Poultry. At the top is a Pigeon Loft, which will accommodate either three or six pairs of birds, according to the position the house is fixed in; if it stands away from a wall, extra chambers can be arranged at the back by inserting a division board—this would allow a depth of 1ft. 9in. for each of six pairs of pigeons. The Fowl house is supplied with ladder to raised floor, nest-boxes, perches, and all necessary fittings. Two doors, with locks, are hinged to the front of the house, and flap at the end for collecting eggs. The whole is strongly built in sections, and painted outside, ready for putting together. Portable for standing out in the open. Carefully packed on rail at the following prices:

#### Movable Poultry Houses.

On Wheels, Fitted with Projecting Nest-boxes at Sides.



No. 118.

These Houses are constructed of good sound match-boards, the roof is of feather-edge boards. They are fitted with projecting nest-boxes, complete with lid and fastenings to same. The floor is raised from the ground, and the structure fitted on wheels, and one end is fitted for traces, thus facilitating removal from place to place by either pony or donkey, and therefore will be found very useful for farms, estates, &c. The Houses are painted outside with our Patent Rot-proof Composition, and limewashed inside, and are constructed in sections in perfect readiness for erection. Securely packed on rail at the following respective prices:

Length	1.		Width	ı				Height Ridge		Heig				
ft.			ft.					ft. in.		ft.		£s	. (	d.
4			4	٠.		٠.		6 0	~	4	0.	 2 1	5	0
5			4					6 3		4	3		5	0
6 7				٠.				6 6			6	 3 18	5	0
	• • • •			٠٠.	٠		٠	7 0		4	9	 4 5	5	0
9 .		٠.	6	٠.		٠.	٠	7. ,3		5	0	 5 (	)	0

Cooper's Disinfectas makes capital Nests, better than hay or straw. Try it. Per Sack (2-bushel) 2s. 6d., sack included, 10 for 22s. 6d.

"Dear Sir.—Just to inform you that the Span Poultry House arrived here safe yesterday, and I also return thanks to you for your careful attention. The House is neatly made, and very pretty in appearance, and gives perfect satisfaction, which I consider a great thing after coming such a long distance. Wishing you success through the coming season, I remain, Yours truly, S. Bolwell."

Craig Walk, Bowness-on-Windermere.

"Sir,—The Hen House has arrived to-day, and is very satisfactory.—
Yours truly,

J. Burrows."

HORTICULTURAL PROVIDERS.

#### Turkey or Goose House.

This illustration shows a neat design of House for turkeys or geese, and is constructed of good sound tongued and grooved matching; the roof of weatherboards; all outside woodwork painted with our Patent Rot-! Proof Composition; complete in sections in readiness for erection, and securely packed on rail.



No. 119.

No.	Length.	,	Width.	Rid ft.	nt a lge. in.	ū	P	rice	d.
1.	 8		6	 6	0		2	5	0
2	 10		7	 6	6		3	0	0
3	 12		8	 7	0		3	15	0

#### New Poultry House.



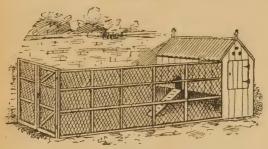
No. 120.

This is a new style of House, having two distinct Runs and affording protection in all weathers. A Sliding Shutter keeps the Birds in either part, as may be required. The Dry Run has wire-netting at one end for light and air. The Open Run is 6ft. long, 5ft. wide, and 2ft. 6in. high; wired over the top as well as the sides. The house is well and strongly made, and is fitted with Nest-boxes and Perches. 6ft. long, 5ft. wide.

Carefully packed on rail ... £2 15

HORTICULTURAL PROVIDERS.

## Span-Roof Poultry House with Run.



No. 121.

This House and Run is intended to be placed against a wall. The house is complete in itself, and the run less one side. The house is constructed of good sound materials, and is complete with nests, perches, and ladder. It has a raised floor, forming a dry run. The run is formed of wood frame hurdles, covered with galvanized wire-netting, including top, and is complete with gate. All outside woodwork painted one coat of good oil-colour. In sections, in readiness for erection, and securely packed on rail.

House, 6ft. from back to front, 4ft. wide, 7ft. high to ridge 5ft. high to eaves; Run, 12ft. by 6ft., 5ft. high £310s. Complete if required to be fixed independent of Wall, £4 including other side to Run.

Sprinkle a little of Cooper's Disinfectas daily in your Poultry Houses.

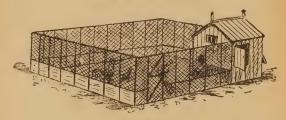
#### Cooper's Egg Producer.

Keep your stock in perfect condition, and have abundance of eggs all the year round. Young Chicks thrive well on it, and become strong and good layers. LAYING HENS—improves condition, increases number of eggs, and promotes fertility. A WONDERFUL BONE AND SIZE PRODUCER. Keeps the plumage bright; gives protection against climatic changes.

PRICE 1s. 6d., post free. Full directions with each tin.

HORTICULTURAL PROVIDERS.

#### Span-Roof Poultry House with Large Run.



No. 122.

A well-finished Poultry House, constructed of good sound tongued, grooved, and beaded matching on good strong framework; it has a raised floor, forming a dry run underneath the house, and is fitted complete with nests and perches. The roof is formed of feather-edge boards. The run is constructed of strong wooden hurdles, covered with galvanised wire netting, and is complete with gate. All outside woodwork painted one good coat of oil colour; complete in sections in readiness for erection, and securely packed on rail.

Ground space covered by House and Run is 20ft. by 20ft., of which the House is 10ft. by 8ft., 9ft. 6in. to ridge, and 6ft. 6in. to eaves. Cash Price, £8 10s. 0d.

If outside Woodwork painted with our Patent Rot-Proof Composition, 10 per cent. extra.

#### Egg Transit Boxes.

Very light, but strongly made and well finished.

To hold 6 doz., 7 0 each | To hold 18 doz., 12 0 each.

With Brass Padlock, strong, two keys.

These Boxes are specially made for Railway Traffic and Wholesale Merchants for delivering eggs in vans, or otherwise. They will bear a great amount of rough usage, and they are so constructed that it is almost impossible to break the eggs.

HORTICULTURAL PROVIDERS.

## Range of Poultry Houses and Runs.



No. 123.

The above illustration shows a very neat range of four Houses and Runs; the Houses are substantially constructed, complete with backs, perches, ladders, and nests; roof of feather-edge boards. Size of each House is 5ft. long and 4ft. wide. Each Run is 14ft. long, inclusive of a covered way under the House, and 5ft. wide, being fitted with gates. All woodwork well painted outside with good oil colour. The whole complete in sections, in perfect readiness for erection, and securely packed on rail.

Price... ... ... £12.

Special quotations given for any number of Houses and Runs in one range upon receipt of full particulars of requirements.

If Outside Woodwork painted with our Patent Rot-Proof Composition, 10 per cent. extra.

A little of **Cooper's Disinfectas** sprinkled about Poultry Houses, Coops, and Runs keeps the birds healthy, and does away with all unpleasant smells.

TRY IT.

Per Sack (2-bushel) 2s, 6d., sack included, 10 for 22s, 6d. SEND FOR SAMPLE SACK.

### Cooper's Roup & Condition Pills

(UNEQUALLED).

Cure for Roup, Rattling in the Throat, Coughing, Diarrhea, &c. In boxes.

PRICE, 1s. 6d., post free. Full directions with each box.

HORTICULTURAL PROVIDERS.

#### Improved Range of Span-Roof Fowl Houses and Runs.



The above illustration shows a range of eight Houses and Runs, viz., four on each side; it has a passage-way 3ft. wide down the centre, by which attention to sanitary requirements is facilitated. The Houses are strongly constructed of good sound matching, the roofs being boarded and covered with felt; they have raised floors, thus affording a dry run for the fowls, and each House is fitted complete with nests, perches, and ladder. The Runs are formed of wood framing, covered with galvanised wire netting; each is fitted complete with gate. All outside woodwork painted with our Patent Rot-Proof Composition. Complete in sections, in perfect readiness for erection, and securely packed on rail. Size of each House, 6ft. by 5ft., 11ft. high to top of lantern, 6ft. high to eaves. Size of each Run, 10ft. by 6ft.; 6ft. high.

PRICE for eight Houses and Runs ... £30.
Proportionate prices for larger or smaller Ranges, on receipt of full particulars.

#### Egg Tester.



Invaluable for ascertaining the exact state of freshness of Eggs, which is of such vital importance when setting. The progress made by the germ during incubation is also at once apparent.

INSTRUCTIONS FOR USE.—Put the egg in the Tester, above the oval silvered glass, and look through the small telescopic orifice. The egg is fresh and of prime quality when clear and almost transparent. If it looks opaque, and the contents appear thick or misty, the egg is addled, and therefore useless.

PRICE, 9d., Post Free.

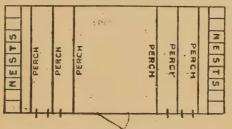
HORTICULTURAL PROVIDERS.

#### Span-Roof Poultry House.



No. 125.

This is a strongly-built, commodious structure, and is adaptable alike for a large quantity of turkeys, geese, or fowls; it is



PLAN OF INTERIOR.

constructed of good, sound tongued, grooved, and beaded matching, on good strong framing; the roof is of tongued, grooved boards, covered with felt; all outside woodwork painted with our Patent Rot-Proof Composition and whitewashed inside; complete with nest and perches, but no floor. In sections in perfect readiness for erection and securely packed on rail, at the following respective prices:—

Length.	Width.	Height to Ridge. Height to 1	Eaves.
ft.	ft.	ft. in. ft. in.	£ s. d
20	. 10	9 6 6 6	15 0 0
25	. 12	11 0 7 0	17 10 0

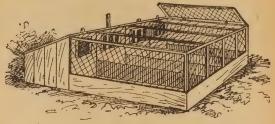
#### TO KEEP YOUR STOCK HEALTHY,

Make your Nests with Cooper's Disinfectas, and sprinkle some about House daily.

Per Sack (2-bushel), 2s. 6d.; 10 for 22s. 6d.

HORTICULTURAL PROVIDERS.

## Range of Hatching Boxes and Runs.



No. 126.

Constructed of good sound tongued and grooved matching roof weather-boards; runs of wire netting, boarded at bottom, tops hinged to open; all woodwork painted outside in good oil colour.

PRICES.

				£	B.	d,		
2 B	oxes and	Runs	complete	***		1	0	0
4	. ,,,	. ,,	. 22		***		7	6
6						1	15	0

## Curved-Roof Poultry House with Run.

This is a neat design, and is constructed of good sound tongued and grooved matching; fitted complete with nests, perches, and ladder; the roof is of galvanised corrugated iron sheets; it has a flap at side for easy access to the eggs; the Run is formed of wood framing covered with galvanised wire-netting, and is complete with gate. All outside wood-



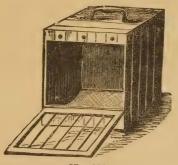
work painted one coat good oil-colour. In sections in readiness for erection, securely packed on rail. House, 5ft. by 5ft., 5ft. high to eaves; Run, 6ft. by 5ft.

PRICE £3 15s.

HORTICULTURAL PROVIDERS.

### Hatching and Nest Box.

Thousands sold every season.



No. 128.

This is an improved Sitting-box for Hens. The bottom, which is made of fine mesh galvanised netting, is hollowed so as to preserve the shape of the nest, and to keep the eggs from being kicked away from the hen. The bottom is also proof against rats. Thoroughly well made of seasoned matchboards. It is 15in. high, 16in. wide, 13in. deep.

PRICES ... One-Nest Box, 2s. 3d.; 12, 25s.; 100, £9.

#### Egg Tester.



Invaluable for ascertaining the exact state of the freshness of Eggs which is of such vital importance when setting. The progress made by the germ during incubation is also at once apparent.

INSTRUCTIONS FOR USE.—Put the egg in the Tester, above the oval silvered glass, and look through the small telescopic orifice. The egg is fresh and of prime quality when clear and almost transparent. If it looks opaque, and the contents appear thick or misty, the egg is addled, and therefore useless.

PRICE 9d., post free.

HORTICULTURAL PROVIDERS.

#### Ranges of Hatching Boxes.

(Lean-To.)



The illustration shows a range of six Boxes; they are thoroughly well made of good, sound matchboarding, with weather - board roof, and are painted outside one good coat.

No. 129.

Price (for six Boxes) ...

£1 1s.

(Span-Roof.)

No. 130.

Similar in construction to No. 129, but with partitionthrough centre, forming six Boxes on each side.

PRICE (for Twelve Boxes) £1 12s. 6d.



#### "THE DRYING BOX WORKS WELL."

"Dear Sirs,—Having tested the Drying Chamber with Chicks taken from a Hen on Friday, I have pleasure in saying the result is highly satisfactory.

"I placed ninety-one eggs in the Incubator on the 7th inst, and if it still continues to work during the next fourteen days as in the past seven days, I shall be satisfied and pleased with my purchase,—Yours faithfully.

(Signed) T. Rule."

#### "HATCHED EVERY EGG EXCEPT TWO."

"Gentlemen,—We have tried the Incubator, and it has hatched all fertile eggs except two, which I regard as most satisfactory.
"We are now putting over 300 Pheasant Eggs in.—Yours faithfully, (Signed) W. Hollingworth."

#### "45 CHICKENS HATCHED OUT OF 48 EGGS."

Cobb's Hill Farm, Sidley, Bexhill-on-Sea.

"Gentlemen,—I am writing to give you the results obtained by the Incubator. It was charged with fifty eggs; forty-five hatched and three were unfertile. I think that you will agree this is a very favourable result,—Yours truly,

E. Cooper."

#### "IT HAS WORKED ADMIRABLY."

"Gentlemen,—I may mention that I am highly satisfied with Incubator; it has worked admirably,—Yours faithfully,

H.BARGER.

138

HORTICULTURAL PROVIDERS.

#### The Safety Chicken Coop,

We sell on an average 5,000 of these every season.



No. 131

This is a strongly-made and serviceable Coop; matchboard sides and weather-boarded roof. It is fitted with a shutter that can be used either to shade from the sun or to shut off cold winds and beating rain. It is also secure against the attacks of predatory vermin. Complete.

Size: 2ft. wide, 1ft. 10in. deep, 1ft. 10in. high at front, 1ft. high at back, 3s. each, 33s. per doz., £12 10s. per 100.

3ft Movable Wire Run, 2s. each extra, 21s. per doz.

#### SPRINKLE COOPER'S DISINFECTAS IN RUNS DAILY,

#### "WONDERFUL VALUE."

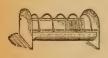
Linwood, Mossley Hill, Liverpool.

"Sir,—A line to acknowledge receipt of Chicken Coop, with which I am very
well satisfied. They are truly wonderful value.

Thanking you for your prompt execution of order.

Yours truly,

(Signed) THOS. WILLIAMS"



#### Feeding Troughs.

FOR YOUNG CHICKS.

Strong, well made of zinc. Last a lifetime. With removable guard for cleansing.

PRICE ... 1s. 6d.

#### Drinking Fountains.

FOR YOUNG CHICKS.

Strong, well made of zinc. Last a lifetime.

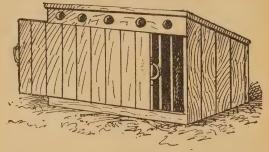
Always maintains a fresh supply of clean water, and can be easily filled.

PRICE ... 1s. 6d.



HORTICULTURAL PROVIDERS.

## Chicken Coop with Sliding Shutter.

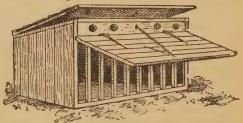


No. 132.

This Coop has an advantage over the ordinary coop with hinged shutter in front, since it is fitted with a sliding shutter; it can be closed to within a quarter of an inch and still admit the rays of the sun the full depth of the aperture; the shutter is fitted with handles, and can be used from either right or left end. The Coop is constructed of good sound tongued and grooved matching; the roof, which is hinged, being of weather boards. Painted outside one coat.

PRICE (complete) ... ... 10s.

#### "Safety" Chicken Coop.



No. 133.

Sides and ends constructed of good tongued and grooved matching, and roof—which is hinged to lift up—of weather boards; the front shutter is also hinged and is fitted with a galvanised chain, thus allowing of shuttering the coop to any degree as may be desired; painted one coat.

OPTON 6s. each.

HORTICULTURAL PROVIDERS.

## Pheasant or Chicken Coop and Run.



No. 134.

This Coop and Run is rat and vermin proof, since the chicks cannot stray from the Coop, and have at the same time the



Showing Coop as Closed at night.

advantages of the Run; it is provided with a shutter in front which serves the purposes of a shelter during the day and for closing up the Coop at night. The tops are hinged, thus affording access to both Coop and Run; the Shelter and Run are detachable from the Coop, as shown in illustration. The

upper part of Run is formed of galvanised wire netting; all woodwork painted one coat outside.

Coop and Shelter, 3ft. 6in. long, 2ft. wide, 2ft. high; Run, 3ft. long.

PRICE (complete)

17s. 6d.

#### Feeding Troughs.

FOR YOUNG CHICKS.

Strong, well made of zinc. Last a lifetime.

With removable guard for cleansing.

PRICE 1s. 6d.

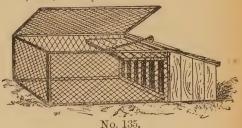


HORTICULTURAL PROVIDERS.

#### Improved Coop and Run.

Cat, Rat, and Sparrow Proof.

Constructed of good sound timbers, fitted with shutter which serves as a shade during the day and for closing up Coop at night; the shutter being provided with a chain



admits of the Coop being shaded to any extent as may be desired; there is also a sliding rod to the Coop to admit of the hen being let into run when desired, and the top hinged, thus affording easy access inside.

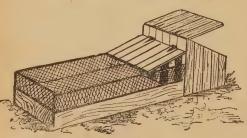
The Run is covered with galvanised wire netting, the top

being hinged as shown in illustration.

Coop, 2ft. square; Run, 3ft. long, 2ft. high.

Price ... ... ... ... ... ... ... 15s.

## The Safety Chicken Coop and Run.



No. 136.

This Coop is constructed of good sound tongued and grooved matching, the roof of weather boards and hinged to lift up; fitted with shutter in front, which serves as shelter during day

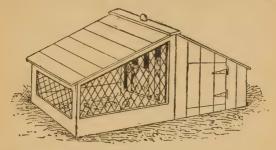
and for closing the Coop up at night; the Run is formed with boarded base, and is covered with galvanised wire netting; all outside woodwork painted one coat.

Coop, 2ft. by 2ft.; Run, 3ft. long by 1ft. high.

PRICE ... ... ... ... 16s.

HORTICULTURAL PROVIDERS.

### Chicken Coop with Covered Run.



No. 137.

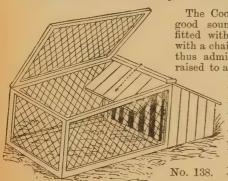
The Coop is soundly constructed of tongued and grooved matching; roof of both Coop and Run of weather-boards; the Run is covered with galvanised wire-netting. All woodwork painted outside one coat of good oil colour, and whitened inside.

4ft. by 2ft., 3ft. high to ridge, 2ft. high to eaves.

PRICE (complete)

£1 1s.

#### Chicken Coop with Run.



The Coop is constructed of good sound timber, and is fitted with shutter in front with a chain attached to same, thus admitting of its being raised to any degree required.

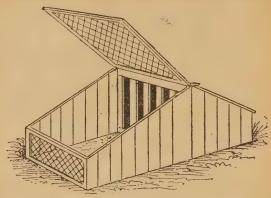
The top is hinged to lift up. The Run is formed of wood framing covered with galvanised wire-netting, the top also being hinged to lift up. All outside woodwork painted one coat.

Coop, 2ft. by 2ft.; Run, 3ft. long and 2ft. high.

PRICE ... £1.

HORTICULTURAL PROVIDERS.

#### Improved Coop and Run.



No. 139.

Soundly constructed of good sound timber. Roof of Run covered with galvanised wire-netting instead of weather boards, and hinged to lift up, and the bottom covered with small mesh wire-netting. 5ft. by 2ft. All woodwork painted outside.

Price ... ... ... 12s. 6d

#### Feeding Run for Chickens.



No. 140.

By using this Run the difficulty of separating the Chickens from the older birds when being fed is obviated, since only the Chickens have access into it.

Size: 3ft. square, 15in. high.

PRICE ... 5s. each.

HORTICULTURAL PROVIDERS.

# Span-Roof Poultry Coop with Covered Run.



Constructed of good sound tongued and grooved matchboards, roof of weather - boards, the Coop is provided with sliding shutter at entrance to Run, and is fitted with handles for removal from

No. 141.

Place to place; the sides and ends of run are covered with galvanised wire netting; all outside woodwork painted one coat. Coop, 2ft. 6in. by 2ft. 6in., 2ft. high; Run, 4ft. long.

PRICE ... £1 5s.

# Improved Portable Bantam or Chicken House,

The projections at ends form handles, so that the House may be moved with ease to any part of the ground. It is suitable for bantams and chickens. Fitted complete with nest-boxes and perches, and oil-painted outside. 6ft. by 3ft.

PRICE-£1 5s.



No. 142.

Sprinkle Cooper's Disinfectas in House and Run Daily.

#### "WELL PLEASED."

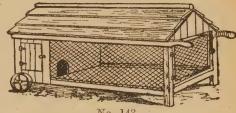
Nunwood, Apperley, Bradford, Yorks.
"Dear Sir,—Have received the coop and run all right this morning; am very well pleased with it. Hope to do further business with you in the future.
Yours very truly,

(Signed) L. DEWHURST."

HORTICULTURAL PROVIDERS.

Chicken Coop and Run on Wheels.

This is a very neat design, and being fitted on wheels facilitates removal from place to place. The run is complete with floor, and is a s a f e g u a r d against preda-



No. 143.

tory vermin. sparrows, &c. 6ft. 6in. long by 2ft. 6in. wide.

Price ... ... £1 15s.

Bantam or Chicken House and



No. 144.

Soundly constructed of tongued and grooved matching, painted, on strong frame. Roof, feather-edge boards. Run covered with galvanised wirenetting 6ft. by 2ft. 6in., 2ft. 6in. high to ridge.

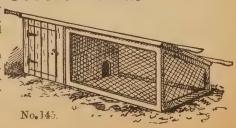
PRICE (complete) £1 1s.

# Pent-Roof Poultry Coop with Covered Run.

Very handy for moving about.
Strong. Painted one coat.

Coop, 2ft. 6in. high in front, 2ft. 6in. wide; Run, 4ft. long, 2ft. 6in. wide.

PRICE £1 1s.



## Improved New Coop and Run.



No. 146.

This span-roofed, weather-boarded combination Coop and Rum will be found convenient in rearing stock. A hinged door is made at the back of Coop from which the brood may be attended to. The roof of the Run is also flap-hinged, oil-painted outside.

#### PRICE.

Length 6ft., width 2ft., height at eaves 1ft. 2in., and 2ft. at ridge, £1 2s. 6d.

#### New Span-Roof Poultry Coop and Run.



This portable Coop can be moved as required for change of ground. It is strongly made and roofed with weather-boards, and fitted with the latest improvements.

The Coop is 2ft. 6in. by 2ft. 6in., and the Run 4ft., measuring in all 6ft. 6in long.

Price ... £1 2s. 6d.

#### To Prevent Cramp.

The bottom of every Coop should be covered for about halfan-inch with **Cooper's Disinfectas.** Cheap, Clean, and Healthy. Try it. Per Sack (2-bushel), 2s. 6d., sack included; ten for 22s. 6d.

HORTICULTURAL PROVIDERS.

## Lean-to Poultry Coop and Run.

This Portable Coop is a requisite in every breeding establishment. It is strongly made of sound material, with

weather-board roof, and oil-painted one coat outside. The Coop is 2ft. wide and 2ft. 6in. high in front; the Run 4ft long and 3ft. wide. covered with galvanised wire netting. Fitted with door and handles for moving.



No. 148.

PRICE

#### Coop and Run for Poultry or Game.

This Coop has a weather-boarded span roof, it is convenient and roomy, and well adapted for young broods. A shelter may be made by using the front door in the daytime to protect the chickens from sun and rain. A small door is fixed in the back

at which attention to the requirements of the birds may be performed.

The Run may be detached at night, and the Coop closed up. The Coop 1ft. 2in. high eaves, 2ft. high at ridge, and 2ft. wide; together with run it is 7ft. long.

No. 149.

PRICES.

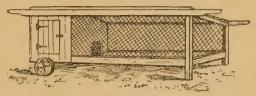
					£	S.	d.
Coop and R	un coi	nplete	 		1	5	0
Coop only			 		0	14	0
Run only			 	•••	0	12	6

#### Cooper's Disinfectas.

Cheap, Clean, and Healthy. Nothing to equal it for keeping Poultry in good health. Try it. Per Sack (2-bushel), 2s. 6d.

HORTICULTURAL PROVIDERS.

# Chicken Coop and Run on Wheels.



No. 150.

Another design of Coop and Run, but being fitted on wheels, with floor, facilitates removal from place to place. Outside painted one coat. Vermin proof.

6ft. 6in. long by 2ft. 6in. wide.

Price ... ... ... £1 10s.

## Improved Bantam or Chicken House and Run.



No. 151.

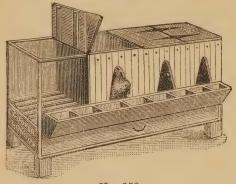
A neat design constructed of good sound match-boards; roof of weather-boards. The House is fitted complete with nests and perches, and has a loose floor. The front of Run is covered with galvanised wire netting, and is hinged to lift up; fitted with handles for easy removal; painted outside one coat good oil colour.

6ft. by 3ft. 2ft. 8in. high in front.

PRICE ... ... ... ... ... £1 5s.

Be sure and Sprinkle Cooper's Disinfectas in Runs Daily,

## Fattening Pen.



No. 152.

This is the most convenient Pen for fattening Fowls, having the advantage of preserving cleanliness in the compartments with a minimum of trouble. The illustration shows an underneath drawer, into which the droppings fall through the floor, which is constructed with bars running lengthways of the Pen. The drawer can be taken out and cleaned as often as necessary and replaced. The birds are put in and taken out at the top, hinged flaps being provided for the covers. The Trough is of zinc for both food and water.

PRICE: For Four Fowls, £1 2s. 6d.; for Six Fowls, £1 10s.

## Imperial Black Varnish.



For Iron Fences, Wood Palings, Farm Buildings, Poultry Houses, &c.

18 gal. casks, 20s.; 36 gal. casks, 34s.; Casks included. Carefully packed on rail. Casks not returnable.

1 gal. 1s. 6d. (can 6d.); 5 gal. 5s. (can 2s.).

HORTICULTURAL PROVIDERS.

#### Pens Suitable for Pheasants.

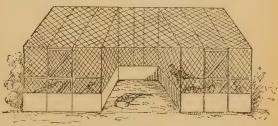


No. 153.

The above illustration shows two Pens. They are constructed of wood framing covered with galvanised wire netting, including top; the bottom part is boarded. Each pen is fitted complete with gate; all outside woodwork painted one coat good oil colour. In sections ready for erecting, and securely packed on rail. Size over all of the two pens, 12ft. by 12ft., 4ft. high.

Price ... ... ... £2 5s.

## Pheasant-Breeding Pens.



No. 154.

These Pens are constructed of wood framing covered with galvanised wire netting, including tops; the bottom part of sides and ends is boarded up as shown. Each Pen is fitted complete with gate; all outside woodwork painted one coat of good oil colour. In sections ready for erection, and carefully packed on rail at the following respective prices:—

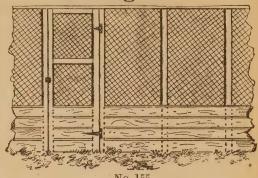
					む	S.	$\alpha$	
Single Pen, 19	2ft. by	6ft.		 	1	10	0	
Six Pens			1.444	 	7	10	0	
Twelve Pens		•••	•••		12	-		

151

HORTICULTURAL PROVIDERS.

#### Portable Poultry and Game Fencing.

These Hurdles are constructed in 6ft. lengths, and are 6ft. high.the bottom part being boarded up 2ft. and the remainder covered with 2in. mesh wire netting. They are much cheapand



No. 155.

stronger than iron hurdles, and the bottom part being boarded make them a protection from sharp winds.

6s. each. PRICE ... Gates, 2ft. wide and hinges complete, 4s. each.

Iron feet 1s. each, extra, see No. 156.

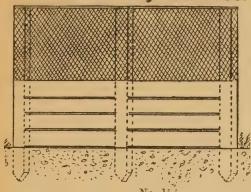
#### Iron Feet.

Suitable for Wooden Stakes.

These feet form cheap and easy method of erecting above Poultry fencing, being provided with a socket into which the stake is easily fixed, the iron feet only going into the ground; the wood stakes are thus preserved from rotting. PRICE, 1s. each, 10s. per doz. No. 156. Free on rail.

HORTICULTURAL PROVIDERS.

#### Poultry Hurdles.



Size: 6ft. long by 5ft. high; boarded 2ft. high; remainder 2in. mesh galvanised wire netting. These Hurdles are strongly made, and if painted occasionally will lastfor many years.

No. 157.

Price ... ... ... 5s. 6d. each. Gates 2ft. wide and hinges complete, 4s. each.

#### Egg Boxes.

No. 158.

Partitions movable.

Postal Boxes for Eggs, with separate compartment for each egg.

Boxes to hold any number of Eggs to order. Sample Box to hold twelve eggs, post free 6 stamps. Boxes for Duck and Bantam Eggs made to order.



		Per doz.	Per gross. £ s. d.
To hold		s. d. 2 0	£ s. d.
**	15	2 6	0 18 0
11	18 ,,	3 0	1 2 0
11	24 ,,	4 0	1 13 0
**	25 ,,	4 6	1 16 0
19	36 ,,	6 0	2 4 0
**	48 ,.	7 0	2 14 0
		152	

## Special Remedies for Poultry.

## Cooper's Egg Producer.

Keep your stock in perfect condition, and have abundance of eggs all the year round. Young Chicks thrive well on it, and become strong and good layers. LAYING HENS—improves condition, increases number of eggs, and promotes fertility. A Wonderful Bone and Size Producer. Keeps the plumage bright, gives protection against climatic changes.

PRICE 1s. 6d., post free. Full directions with each tin.

## Cooper's Roup & Condition Pills.

(UNEQUALLED).

Cure for Roup, Rattling in the Throat, Coughing, Diarrheea, &c. In boxes.

PRICE 1s. 6d., post free. Full directions with each box.

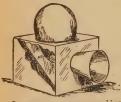
## Cooper's Cramp Cure.

FOR YOUNG CHICKENS, FOWLS, &c.
Sold in Bottles. PRICE 1s. 6d., post free. Full directions
with each bottle.

## Insect Powder for Poultry.

In Tins. PRICE 1s. 6d., post free.

## Egg Tester.



Invaluable for ascertaining the exact state of the freshness of Eggs, which is of such vital importance when setting. The progress made by the germ during incubation is also at once apparent.

INSTRUCTIONS FOR USE.—Put the egg in the Tester, above the oval silvered glass, and look through the small telescopic orifice. The egg is fresh and of prime quality when clear and almost transparent. If it looks opaque, and the contents appear thick or misty, the egg is addled, and therefore useless.

PRICE 9d., Post Free.

HORTICULTURAL PROVIDERS.

## Drinking Fountains.



FOR YOUNG CHICKS.

Strong, well made of zinc. Last a lifetime.

Always maintains a fresh supply of clean water, and can be easily filled.

PRICE 1s. 6d.

## Feeding Troughs.

FOR YOUNG CHICKS.

Strong, well made of zinc. Last a lifetime.

With removable guard for cleansing.

Anna Contraction

PRICE 1s. 6d.

#### Roofing Felt.



Patent Asphaltic Rolls, 25yds. long by 32in. wide, 3s. 6d. per Roll. Better quality, 4s. 6d.

Nails for fixing Felt, in boxes of 250, 6d.: 500. 1s.

## Cooper's Disinfectas.

For Poultry Houses and Runs, Kennels, Rabbit Hutches, Stables, &c. Clean, cheap, and healthy. Per Sack (2-bushel), 2s. 6d.; 10 for 22s. 6d. Sacks included.

#### Firewood.

2-bushel sacks new chumps, nothing over 6in, long. 6d. per sack; 12 for 5s. Sacks included.

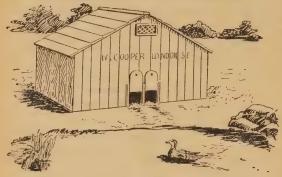
## Rot-Proof Composition.

For Farm Buildings, Poultry Houses, Pailings, Fences, or any description of Outdoor Woodwork.

5gals., 10s.; 10gals., 17s. 6d.; 20gals., 30s.; 40gals., 50s. Cans and Casks included.

HORTICULTURAL PROVIDERS.

#### Portable Duck Houses.



No. 160.

These are handy Duck Houses for placing near to water. A division board is placed inside, forming two compartments in each house, with a separate entrance door hinged at the bottom. A large door is made at the back, and fitted with lock. These

#### Lean-to.



No. 161.

houses are strongly made with well-seasoned wood, and one coat of oil paint is given to each outside. Dimensions: 5ft. long by 2ft. 6in. wide, 2ft. 6in. high.

PRICE ... £1 5s.

Disinfect your Duck Houses with Cooper's Disinfectas, 2s. 6d. per Sack.

HORTICULTURAL PROVIDERS



## **Ornamental** Duck House.

Constructed of weather boards throughout, ornamented with rustic wood additions: all outside woodwork painted two coats.

Size, 6ft. by 4ft.

PRICE £4.

#### Duck Span-Roof House.

A neat design constructed of matchboards, roof of weather-boards: door in one end in two halves: window in one side; all woodwork painted outside one coat.

Size, 8ft. by 6ft., 8ft. high to ridge, 6ft. high to eaves.

PRICE £3 10s.



No. 163.

## Duck House. Substantially constructed of

tongued and grooved matchin'g; roof weather boarded, and has a ledge all round at base; woodwork painted two coats outside.

> Size. by 4ft.: 4ft. high to top, 2ft. high to

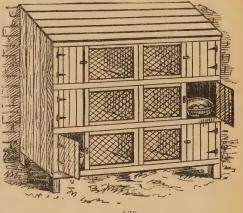
PRICE £2 5s.



HORTICULTURAL PROVIDERS.

## Pigeon Cote.

The illustrashows Cote to accommodate six pairs of birds. It is strongly constructed of good sound matchboards: roof weather-boards. The flights are covered in front with galvanised wire-netting, complete doors, as per illustration. All outside woodwork, with exception of roof,



1. o. 165.

stained and varnished, roof painted. Complete with back.

5ft. by 2ft., 5ft. high at back, 4ft. high in front.

PRICE ... £2 10a

## Dove or Pigeon Cote for Wall.



No. 166.

This cote is thoroughly well constructed of seasoned red deal for fixing against a wall. It is neat in appearance, and is oil-painted with three good coats. Ready fitted.

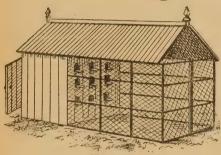
#### PRICES:

		£	8.	d.
For Nine Pairs Birds (see illustration)		1	10	0
For Six Pairs Birds	7 / 1	1	5	0
For Five Pairs Birds		1	2	6

158

HORTICULTURAL PROVIDERS.

## Span-Roof Pigeon House and Flight.



No. 167.

This is an ornamental design, and is substantially constructed of good, sound, tongued and grooved matching. The House is provided with separate compartments for each pair of birds. complete with nests: all doors fitted with locks. The Flight is constructed of boow framing

covered with galvanised wire-netting, and fitted complete with gate; the roof of both House and Flight is covered with feather-edge boards, with ornamental ridging and finials. All outside woodwork painted one coat. Constructed in sections ready for erection, and securely packed on rail.

No. 1.—For nine pairs of Birds: 2ft. long, 3ft. 6in. wide, 5ft. 6in. high; flight 6ft. long 3 15 No. 2.—For twelve pairs of Birds: 2ft. long, 3ft. 6in.

wide, 6ft. 6in. high; flight 6ft. long ... 4 15 0
There is nothing better to keep your birds healthy and house free

from smell than Cooper's Disinfectas, 2s. 6d. per Sack.

## **Dove or Pigeon** Cote on Pole.

This picturesque Cote is strongly fixed upon a pole for sinking in the ground. It is well made, and is neat in appearance. It can be had either stained and varnished or oilpainted.

It has nesting accommodation for Eight Pairs of Birds.

PRICE ... £1 15s.



HORTICULTURAL PROVIDERS.

#### Span-Roof Aviary.



This Aviary is artistically constructed for outdoor use. House is composed of good sound tongued and grooved maching. The roof of House and Flight of weather boards, and fitted with ornamental ridge, finials, and barge boards. The Flight is formed of galvanised wire work. All outside woodwork stained and varnished.

No. 170.

No. 169. 6ft. by 2ft. 6in.; 5ft. high to eaves. Price ... ... £3 15s.

## New Three-Tier Pigeon or Dove Cote.

This Breeding Cote will be found a useful addition to the Fancier's yard. It is in three tiers, each one being divided from the other throughout the flight, and having separate doors back and front. Each tier has a double nesting-place, with a bridge between the nests. Small-mesh galvanised wire-netting encloses flight. The dimensions are 3ft. 6in. long, 1ft. 9in. wide, 5ft. 6in. high to ridge, and stands well from the ground, as shown in illustration. Oilpainted or stained and varnished.

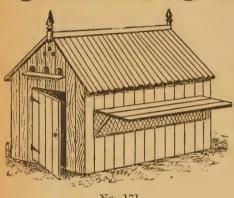
netting encloses each. The dimensions are sin. long, 1ft. 9in. wide, sin. long, 1ft 9in. wide, sin. high to ridge, and is well from the ground, lown in illustration. Oiled or stained and vard.

PRICE ... ... £1 15s.

160

HORTICIILTURAL PROVIDERS.

## Pigeon House & Flight combined.



strongly - made structure, fitted complete with door and lock; nests, alightingboards, and side; shutter covered underneath with galvanised wirenetting along one side. All outside woodwork painted one good coat of oil-colour. Complete in sections at the following respective prices:

is

This

No. 171.

No.	Lengtl	Widt	Heig		Price	Joists 6	extra.
	ft.		ft,				
1	 8.	 5	 7	 3 0	0	 0 10	0
2	 10	 . 6	 8	 4 5	0	 0 15	0
3	12	6	. 8	5 10	0	 1 0	0

## Span-Roof Aviary for Outdoor Use.

This is a well-made artistic design. The House is lined inside with tongued and grooved matchboards; roof felted between weatherboards and matching; complete with door, and fitted inside with perches; floor all over base of House and Flight. The Flight also is fitted complete with a rustic perch and two troughs. outside woodwork painted. In sections



No. 172.

for erection, and securely packed on rail. Size, 11ft. by 6ft.; 8ft. 6in. high to ridge; 6ft. high to eaves. PRICE £9 10s

HORTICULTURAL PROVIDERS.

#### Portable Outdoor Aviary.



No. 173.

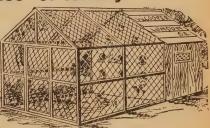
very picturesque design for an outdoor Aviary, and is substantially constructed; being complete with a back can placed where desired, the services of a wall being unnecessary. The flight is constructed of fine mesh galvanised wire upon light wood

framing. Constructed in sections in readiness for erection, and carefully packed on rail, at the following respective prices:

Aft. by 4ft., 4ft. 6in. high at eaves, 6ft. high to ridge 5 10 0 6ft. by 6ft., 5ft. high at eaves, 7ft. high to ridge ... 7 10

## Portable Span-Roof Pigeon House or Aviary.

This House is stocked in three sizes, but it can be made to any dimensions given. It is a useful and compact Aviary made of best material, painted one coat outside, fitted with nest boxes, &c. It has two doors, one at the back of the House, the other at



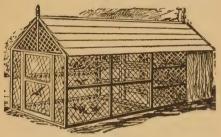
No. 174.

House, the other at end of run, hinged and locked. A window is fixed in each side, protected by wire netting.

	PRICES.		£ s.	d.
12ft, by 6ft.	(including 7ft. run)	• • •	6 10	0
15ft, by 8ft.	,, 9ft. ,,	• • •	8 10	0
20ft. by 10ft.	12ft,		11 10	0

HORTICULTURAL PROVIDERS.

## Double Pigeon House.



No. 175.

This is a Breeding-house for six pairs of pigeons. Each nest compartment has a door at the back, facilitating the inspection of the nest, and leading from the front of the nesting-chamber is a short flight which opens into the large flight as will be seen by the illustration. The arrangement admits of the birds being parted when desired for pairing off. The entire house is 12ft. long by 4ft. wide, strongly made and roof weather-boarded, stained and varnished, which lends an effective appearance to the construction.

Price ... ... ... ... £6.

#### COOPER'S DISINFECTAS KEEPS BIRDS HEALTHY.

Sprinkle a little in Nesting Chambers and Flights Daily. Per Sack (2-bushel) 2s. 6d. 10 for 22s. 6d.

## Mating Pen for Pigeons.



No. 176.

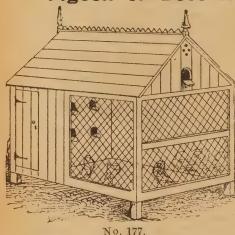
These Pens are useful for mating. Well made of wood and galvanised wire-netting.

PRICE ... 7s. 6d. each.

163

HORTICULTURAL PROVIDERS.

## Pigeon or Dove Aviary.

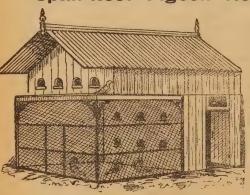


This is a soundly - made neat design. The flightis formed of wood framework covered with galvanised wire-netting, and is fitted complete with doors. All wood work stained and varnished, or painted.

4ft. by 2ft., 6ft. high, including legs ... £2.

A well-made

#### Span-Roof Pigeon House.



No. 178.

and neat design. Fitted complete with nests and perches; the flight is formed of wood fram. ing covered with galvanised wire netting; all outside woodwork stained and varnished; complete sections in readiness for erection.

securely packed on rail. 12ft. by 6ft.; 9ft. high to ridge; 6ft. high to eaves; suitable for Twelve Pairs of Birds.

PRICE ... £10

HORTICULTURAL PROVIDERS.

# Range of Span-Roof Pigeon Cotes.



The illustration here shows a very ornamental design for a range of Four Cotes and Flights; the Cotes are constructed of good sound matchboards, roofs of both Cotes and Flights boarded

and felted, with ornamental cresting at ridge, the front, ends, and divisions to Flights are formed of strong wooden framework, the bottom part of same being covered with galvanised corrugated iron; each Flight is fitted complete with gate; all outside woodwork stained and varnished; in sections in readiness for erection, securely packed on rail.

Four Houses and Flights, size over all, 16ft. by 10ft.

PRICE ... ... £18 10s.

## Lean-to Range of Pigeon Cotes.



No. 180.

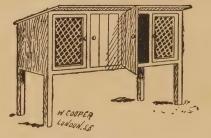
Similar in construction to No. 179. Four Houses and Flights, size over all, 16ft. by 10ft.

PRICE ... £17 10s.

Make your Nests with **Cooper's Disinfectas.** Better than hay or straw. Per Sack (2-bushel), 2s. 6d.

HORTICULTURAL PROVIDERS.

#### Rabbit Hutch.



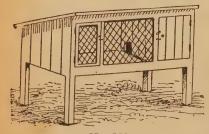
No. 181.

Made of thoroughly seasoned wood, and fitted with divisions for Breeding purposes. Oil-painted outside.

#### PRICES.

Cl. 1 001 01 1 101 101 1		歪	S.	d.	
Single, 2ft. 6in. long, 4ft. high, 2ft. wide Double, 5ft. long, 4ft. high, 2ft. wide	 • • •	0	15	0	
Double 5ft long Aft high Off mide		-			
Double, off. long, 410. high, 216. wide	 	1	9	U	

## Portable Rabbit Hutch.



This Hutch is also suitable for Ferret Kennel. It is soundly constructed of tongued and grooved matching, roof of weather boards; built on raised legs and fitted with loose floors, thus facilitating cleansing; the front of the Run is covered with galvanised wire-netting, and is fitted complete with door. All outside

No. 182. with door. All outside woodwork painted one coat of good oil colour, and inside whitened.

4ft. by 2ft.; 3ft. 6in. high.

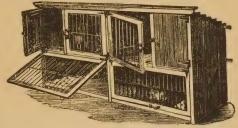
PRICE ... £1 7s. 6d.

#### Cooper's Disinfectas.

For Poultry Houses and Runs, Kennels, Rabbit Hutches, Stables, &c. Clean, cheap, and healthy. Per Sack (2-bushel), 2s. 6d. 10 for 22s. 6d. Sacks included.

HORTICULTURAL PROVIDERS.

## Improved Outdoor Rabbit Hutch.



No. 183.

This hutch is constructed with the Breeding Chambers above, the Run underneath affording plenty of room for the young ones when weaned. It is well made, and fitted with the latest improvements. 4ft. high in front, 3ft. 6in. at back.

6ft. long by 2ft. wide.

PRICE ... ... ... £2 15s.

# Portable Rabbit Hutch and Run.



No. 184.

This hutch is made for placing upon ground, and is constructed with all the latest improvements. It has a galvanised wire-netting bottom, which admits the grass through, and in no way injures the comfort of the Rabbit. The roof is hinged in two parts, affording easy access in attending to the stock. The principles laid down by Major Morant in his treatise upon "Rabbit Rearing to a Profit," are all embodied in this Hutch. It is fitted with Covered Hutch and all necessaries, and the outside is painted.

6ft. long by 3ft. wide.

PRICE ... £1 10s.

Any size made to order.

HORTICULTURAL PROVIDERS.

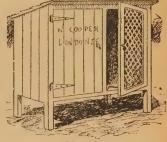
## A Cheap Rabbit Hutch for Boys,

It has a breeding compartment, and is fitted with hinged wire door, &c.

->-

2ft. 6in. long, 1ft. 10in. wide, 2ft. deep.

7s. 6d.



No. 185.

#### Ferret Hutch.



No. 186.

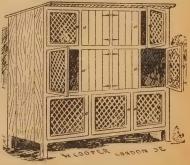
This is a capital Hutch for Ferrets or Guinea Pigs.

3ft. long, 1ft. 6in. wide, 2ft. high.

PRICE. 15s.

#### Guinea Pig House.

This is a Pattern supplied to many celebrated Fanciers and Breeders of Pigs. The Boars' Hutches -three in number - are placed at the bottom, each having a door. This floor can be converted into one large Hutch by removing the division boards. Four Sows' Hutches comprise the top part, each with Breed. ing Chamber and separate doors.



No. 187.

Size-3ft. 6in. long, 3ft. high, 1ft. 8in. wide, as illustrated. £2 10s. PRICE

## WILLIAM COOPER, Limited,

Morticultural Providers,

751, OLD KENT ROAD, LONDON, S.E.

SECTION IV.



# Ilustrated Catalogue

OF

## LATEST DESIGNS

IN

# RUSTIC WORK.

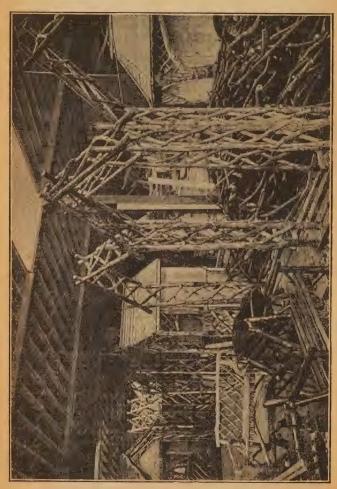
Repairs of all kinds executed by thoroughly experienced workmen, who are sent to all parts of the country if required.

# Rustic Bridges and Other Rustic Work to Order.

All Rustic Work is Manufactured at our Works, under our own supervision.

ESTIMATES FREE.

HORTICULTURAL PROVIDERS.



A CORNER IN OUR RUSTIC DEPARTMENT.

HORTICULTURAL PROVIDERS.

#### Summer Houses.



No. 188.

£4.

5ft. wide by 3ft. 6in. deep.



No. 189.

6ft. wide by 5ft. 6in. deep.

Price, £7.





No. 190.

5ft. wide by 3ft. 6in. deep.

£4 15s., with Table.

Nothing lends a more picturesque appearance to a garden than a rustic-built Summer House, while its utility as a retreat in open air is a convenience at all times. Houses made in sections; can be put together in a short time by the purchaser, no skilled aid being required. All Houses are carefully packed on rail.

HORTICULTURAL PROVIDERS.

## Rustic Lawn Tennis House.

This House is made roomy and suitable for a large party. Being made in sections, it can be fixed and refixed at will, with very little trouble.



Strongly made, stained and varnished.

10ft. long, 5ft. deep.

Complete for £10, on rail.

## Rustic Summer Houses.



No. 192.

A handy little House, made in sections, stained and varnished, and fitted with seat at back, well made, and neat in appearance.

5ft. long, 3ft. 6in. deep.

Packed on rail, complete, Price £3 10s.



No. 193.

Open front, and side window opening, with ledge, handsome gable roof overhanging in front, thoroughly well made, in sections for easy fixing, stained and varnished.

6ft. long, 5ft. 6in. deep.

Packed on rail, complete,
Price £9.

HORTICULTURAL PROVIDERS.

## Special Cheap House.



PRICE £5. Carefully packed on rail.

The demand for this house being great, owing to its general appearance and compactness for fixing where space is limited, we make a leading feature of it. It is thoroughly well constructed in sections, and can be removed as easily as it is put together. It is a useful and ornamental house wherever fixed. A climbing plant trained round and over the window-opening lends a charm to its appearance. Size 5ft. by 3ft. 6in.

# Special Portable Oblong Summer House.



HUNDREDS OF THESE SOLD EVERY SEASON.

This is a squarely-built house, suitable for placing against a wall. It is convenient for a small garden, is thoroughly well made in sections, stained and varnished. Anyone can fix it. Size—5ft. long, 3ft. deep. Packed on rail, complete.

PRICE £3 10s.

HORTICULTURAL PROVIDERS.

## Portable Hexagon Summer House.

This is a roomy, six-sided house, and will be found convenient for placing in a shrubbery. It is 5ft. 6in. deep, and 6ft. from angle to angle. It is fitted with seats, and is stained and varnished.

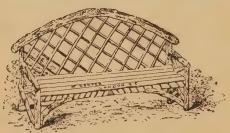


Being made in sections, with each part lettered, it is easily fixed by the purchaser. It is of a design that commands general admiration, and the price at which it is offered finds for it a ready sale.

No. 196.

PRICE £6 10s. Carefully packed on rail.

## Special Garden Seat.



No. 197.

A comfortable Seat, slightly hollowed. It is well made, with rustic oak arms and cross-pieces, and the seat of yellow deal slats. Stained and varnished, and put on rail at following prices:—

4ft., £1; 5ft., £1 4s.; 6ft. £1 7s. 6d.

HORTICULTURAL PROVIDERS.

## Portable Hexagon-shape Summer House.

This is a very or namental House. It is made in sections, and is easily fixed. It is fitted with seats, and strongly made throughout with the best materials, stained and varnished.



It is a pretty rustic structure, and convenient for embellishing with drooping plants from the window boxes, and climbers up the sides; for the latter the clematis tribe give a charming effect.

No. 198.

PRICE £7.

Packed on rail.

From Angle	From Back	Height under	
to Angle.	to Front.	Eaves.	Price.
ft. in.	ft. in.	ft. in.	£ s. d.
6 0	5 6	6 0	7 0 0
6 6	6 0 -	6 0	9 0 0
7 0	6.6	6 6	10 0 0
7 6	7 0	6 6	11 10 0
8 0	7 6	6 6	14 0 0

## Roofing Felt.

Patent Asphaltic Rolls, 25yd. long by 32in. wide, 3s. 6d. per roll; better quality, 4s. 6d.

Nails for Fixing Felt, in Boxes of 250, 6d.; 500, 1s.

Roslin, Middleton Cheney, Banbury.

"Dear Sir,—I beg to acknowledge the safe arrival of Summer House. We are greatly pleased with the goods, and although the various parts have not yet been fitted owing to lack of time, yet I do not see how we can fail to be satisfied.

Faithfully yours,

Roslin, Middleton Cheney, Banbury.

(Signed) M. THOMSON."

HORTICULTURAL PROVIDERS.

# Hexagon Rustic Summer House with Porch.

This hexagonal house is made of the best materials thoroughly seasoned. It is constructed with a handsome porch, and is of a veryornamental character.



Made in sections it is easily fixed and removed. It is fitted with seats stained and varnished. It is an effective and useful addition to any garden or grounds.

No. 199.

PRICE £9.

Carefully packed on rail.

From A	ingl	e to	rom	s Ou Bac ront	k	н	eight Eave	under	P	rice	).
ft.	in.			in.			ft. it	n	æ	s.	đ.
6	0		 5	6			6 (	)	 9	0	0
6	6 -		 6	0 .			6 (	)	 11	0	0
7	0		 6	6			6	5	 12	0	0
7	6		 7	0			6 6	5	 13	10	0
8	n		7	6			6 6	5	15	15	0

30. Wheelev's Road, Birmingham.

"I am glad to say the Rustic Arches are to hand to-day, and give every satisfaction. (Signed) F. E. H. LLOYD."

Doverhay Cottage, Porlock, Somerset.
"Mrs. Sydney J. Rogers writes to inform Mr. W. Cooper that the Rustic House came to hand on Monday evening, and is very satisfactory."

Parksquare, Bondgate, Ripon.

MR. COOPER,
"Dear Sir.—I am pleased to say that the House is completed, and we are highly satisfied.—I remain, yours obediently,
(Signed) J. T. Kirby."

## Portable Hexagon-shape Summer House.

This is a very pretty design, highly rustic in character and shape, and forms a charming place of retreat in the garden.



The outside is thatched with heath, and lined with straw inside; all woodwork thoroughly seasoned, stained, and varnished.

No. 200.

PRICE £12. Carefully packed on rail.

Easily fixed in two hours.

From Angle to	Dimensions Outs From Back to Front.	ide. Height under Eaves.	Price.
ft. in.	ft. in.	ft. in.	£ s. d.
6 0	5 6	6 0	12 0 0
6 6	6 0	6 0	14 10 0
7 0	∴ 6 6	6 6	<b>1</b> 6 10 0
7 6	7 0	6 6	18 10 0
8 0	7 6	6 6	20 10 0

This Thatched House is strongly recommended, being thoroughly well made and guaranteed waterproof.

Can be had Octagon shape if required at slightly increased cost; also fitted with windows and doors.

Poplar Road, Linthorpe, Middlesbrough.

"Dear Sirs,—I have to-day received the Rustic Work by s.s." Claudia," and am well pleased with same (sorry that there should have been misunderstanding zeshipment), and hope that I shall be able to give you an order at some future date

From R. N. Spencer."

HORTICULTURAL PROVIDERS.

## Sexangular Thatched-Roof Summer House.

This is cheaper kind of thatched house. strongly made and sound in every part; all boards tongued and grooved, stained and varnished.



This pattern has a large sale. For quality of workmanship the price is very low. It is unsurpassed any in the trade.

No. 201.

#### PRICE £10 10s. Packed on rail.

#### Dimensions Outside.

From Angle to	From Back to	Height under	Price.
Angle.	Front.	Eaves.	£ s. d.
6ft. 0in.	5ft. 6in.	6ft. 0in.	10 10 0
6ft. 6in.	6ft. 0in.	6ft. 0in.	13 10 0
7ft. 0in.	6ft. 6in.	6ft. 6ft.	15 10 0
7ft. 6in.	7ft. 0in.	6ft. 6ft.	17 10 0
8ft. 0in.	7ft. 6in.	6ft. 6ft.	19 10 0

<sup>&</sup>quot;DEAR SIR,—I received the house all safe. Am much obliged to you for your strict attention; I may also add that I am very much pleased with you.—I remain,

-W. B. DOLLY,"

Seacroft, The Highlands, St. Leonard's-on-Sea.
"Sir,—I have received the House safely, and am pleased with it. It is in
the way satisfactory.—Yours, &c.,

H. A. DUFFET." every way satisfactory .- Yours, &c.,

Crowhurst Farm, Hove, near Battle, Sussex. "DEAR SIR,—I beg to acknowledge, with thanks, receipt of House, and I am well satisfied with it.—Yours faithfully, Chas. E. Weston."

Alltyccion, near Pontychin. "DEAR SIR,—I received the House quite safe, and am very pleased with D. MORDECAR." it .- Yours truly,

#### Portable Summer House.



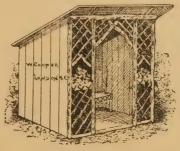
No. 202.

This is a commodious structure of handsome elevation, double-boarded roof, interlined with felt. A substantial erection, suitable for large parties. 12ft. long by 5ft. wide by 7ft.

PRICE £21. Carefully packed on rail.

#### Pent Roof.







No. 203.

Size, 5ft. by 6ft. by 3ft. 6in., outside measure.

Price £4. Carefully packed on rail.

Well built in sections, easily put together; a useful house.

179

## WILLIAM GOOPER, Ltd, 751, Old Kent Rd, London, S.E. HORTICULTURAL PROVIDERS.

#### Portable Rustic Summer House.



No 204.

This is a roomy house, fitted with door, and windows each side. It makes a convenient summer-house in summer, and a useful store-room for a gardener in winter, at the same time a handsome ornament to any garden. Thoroughly well constructed, stained, and varnished. 12ft. by 5ft. PRICE £17 10s. Packed on rail.

## Sports Rustic House.



Open front, span-roof house, suitable for grounds where amusements and sports are held. Soundly built of well-seasoned materials. Stained and varnished. Easily fixed and removed. Fitted with seat complete. 12ft. by 4ft. PRICE £9. Carefully packed on rail.

No. 205.

HORTICULTURAL PROVIDERS.

## Portable 3-Gabled Thatched-Roof Rustic Summer Houses.

This is one of the most effective designs ever produced for a Summer House. It is a charming adornment to a garden

Loppon 5.C

A flight of steps in the centre leads to a balcony platform which surrounds the house. It is artistically finished both

No. 206.

Size 12ft. by 12ft. over all. House 8ft. by 8ft., giving 2.t. Balcony all round. Raised 2ft. 6in. off ground.

Price, complete on rail, Thatched, £42; if Boarded Roof, £32. This house can be made to any size required. Prices forwarded upon receipt of specification.

"DEAR SIR,—We have had the Summer House erected, and are very much pleased with its appearance, and hope it may prove as satisfactory as it looks well.

—Yours truly, (Signed) SIDNEY S. BROWNE."

"Miss Pierce is glad to let Mr. Cooper know that the Summer House arrived safely yesterday afternoon. It has been put together and fixed where it is to stand, and Mr. and Miss Pierce are quite satisfied with it. They will recommend Mr. Cooper's Houses, &c., to their friends."

HORTICULTURAL PROVIDERS.

### Portable 3-Gabled Thatched-Roof Rustic Summer House.

Thisisafter the style of No. 206 without steps and balcony. is enclosed with door and windows of cathedral glass, handsomely fitted throughout, and is of imposing elevation.



Made any size to order, with or without windows and door. A11 work of the best character and finish Size 8ft. by 8ft. Carefully packed on rail.

Thatched Roof, £32; if Boarded Roof, £22.

## **Rustic Summer** House.

handsome design, and finished throughout with care and skill, door and windows of cathedral glass, Swiss lined withand ornamented without. Soundly thatched, put together in the very best manner.

Size 10ft. by 10ft. Carefully packed on rail, £50.

Other sizes at proportionate prices.



No. 208.

HORTICULTURAL PROVIDERS.

### Swiss Rustic House,

A beautiful structure of the most elegant design, Swiss in style, and replete with finish in every detail. Its lines afford scope of an exceptional character for the purpose of illumination at night, which, effectively carried out, displays it a gem of unequalled beauty.

Size 10ft. by 10ft., 12ft. by 12ft., 20ft. high.

Carefully packed on rail, £55.

Other sizes at proportionate prices.



## Portable Rustic Summer House.



No. 210.

Roof double-boarded and interlined with felt. A handsome structure, well finished. Size 12ft. by 10ft.

Price £22, complete. Packed on rail.

HORTICULTURAL PROVIDERS.

### Lawn Tennis House.



No. 211.

Can be put together easily in two or three hours.

Special Lawn Tennis House, double-boarded roof, felted between boards, thoroughly water-proof.

Size, 12ft. by 7ft.

For the cricket field or tennis ground this House will be found

extremely useful; thoroughly well built in sections, roof double-boarded and inter-lined with felt, easily fixed and removed when necessary.

Price £17 10s. complete. Packed on rail.

# Rustic Arch with Ornamental Edges.

0 0

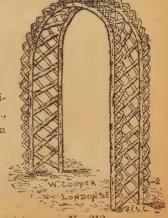
4ft. across path, 12in. deep, and 8ft. high.

£1 5s. each.

Larger Sizes—for every additional 3in. across path, 1s. 6d., and for every additional 3in. in depth, 4s. extra.

Stained with best oil stain, and varnished two coats.

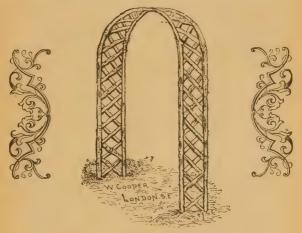
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No. 212.

HORTICULTURAL PROVIDERS.

## Rustic Arch with Plain Edges.



No. 213.

4ft. across path, 12in. deep, 8ft. high, 20s. each.

Larger Sizes—for every additional 3in. across path, 1s. 3d., and for every additional 3in. in depth, 3s. extra.

Stained with best oil stain, and varnished two coats.

# Rustic Perch for Doorway.

6ft. wide, 3ft. deep.

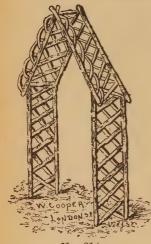
With window opening each side; ornamental boarded roof. Stained best oil stain, and varnished two coats.

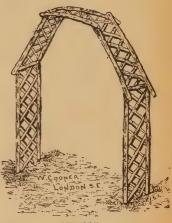
Price £5. Carefully packed on rail.

Of RUSTIC WORK the most extensive display is made by Messrs. W. Cooper, 751, Old Kent Road, S.E., who have a considerable variety of Houses of various kinds, ranging from the good-sized Thatched House to the small Lean-to Rustic Arbour.—Vide Daily Press.

HORTICULTURAL PROVIDERS.

### Rustic Arches.





No. 214.

No 215.

Either pattern, 4ft. across path, 12in. deep, 8ft. high. PRICE 17s. 6d. each.

## Rustic Bridge.



No. 216.

4ft. wide, 16ft. across. Complete with steps each side. Stained best oil stain, and varnished two coats. Carefully packed on rail.

PRICE £15 15s.

Any other sizes at proportionate prices.

# WILLIAM GOOPER, Ltd, 751, Old Kent Rd, London, S.E. HORTICULTURAL PROVIDERS.

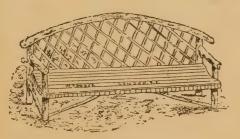
### Rustic Garden Seats.



No. 217.

A good design, strongly made with comfortable hollowed seats.

PRICES: 4ft., £1; 5ft., £1 4s.; 6ft., £1 7s. 6d.



No. 218.

Very comfortable hollowed seats of yellow deal slats, oak rustic arms and back, strongly made. Stained and varnished.

PRICES: 4ft., £1; 5ft., £1 4s.; 6ft., £1 7s. 6d.

### Double Rustic Arch.

Design similar to No. 212. 6ft. wide, 3ft. deep, and 8ft. high-Stained best oil stain, and varnished two coats.

PRICE £5 5s.

HORTICULTURAL PROVIDERS.

### Garden Shelter.





No. 219.

Size, 5ft. by 3ft. Portable and easily fixed. Stained and varnished. Very suitable for School Playgrounds, &c.

PRICE £3.

## Rustic Flower Stand.

(3ft. long, three steps.)





No. 220.

This is a very useful article, strongly made, well finished, and varnished. PRICE 10s. each.

HORTICULTURAL PROVIDERS.

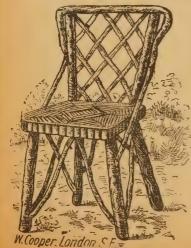


This Arm Chair is very strongly made and well finished.

PRICE 15s.



No. 221.



Same as 221, without arms.

PRICE 12s. 6d.



# WILLIAM GOOPER, Ltd, 751, Old Kent Rd, London, S.E. HORTICULTURAL PROVIDERS.



Rustic Garden Chairs.

Strongly made, stained, and varnished; a comfortable chair.

PRICE 12s. 6d.





Same as above, without arms.

PRICE 10s. 6d.

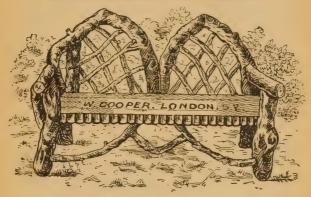




No. 224.

HORTICULTURAL PROVIDERS.

### Rustic Garden Seats.



No. 225.

A Gothic-backed seat, the rustic part substantially constructed of oak, the seat hollowed and made of best yellow deal slats. The whole stained and varnished.

Cash Prices: 4ft., 22s. 6d.; 5ft., £1 7s.; 6ft., £1 10s.



No. 226.

A slight variation in design of the preceding number. The quality of the material is the same.

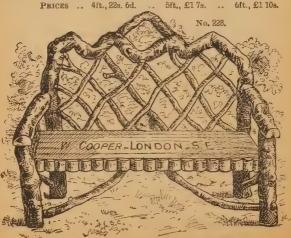
CASH PRICES: 4ft., £1 2s. 6d.; 5ft., £1 7s.; 6ft., £1 10s

HORTICULTURAL PROVIDERS.

### Rustic Garden Seats.



Triple Gothic pointed back seat, hollowed and made of best of deal, soundly put together throughout. Stained and varnished.

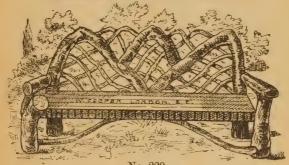


This is a pretty design, same in quality as above, with deal laths.

PRICES ... 4ft., 22s. 6d. ... 5ft., £17s. ... 6ft., £110s.

HORTICULTURAL PROVIDERS.

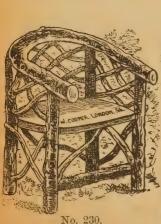
### Rustic Garden Seat.



No. 229.

A good design, strongly made, and comfortable hollowed seat of yellow deal laths, stained and varnished. CASH PRICES: 4ft., 22s. 6d.; 5ft., £1 7s.; 6ft., £1 10s.

### Rustic Arm Chairs.



A good Chair, strongly made,

stained and varnished. Extra selected wood, 12s. 6d.



No. 231.

Strongly made, roomy, and comfortable, 15s.

193

HORTICULTURAL PROVIDERS.

# Hexagon Rustic



No. 232. For large ferns or shrubs, 18in. in diameter. Price 15s. Other designs and sizes to order.

#### Rustic Vase.



10in. in diameter Price 10s.

15in., 15s.

20in., £1.

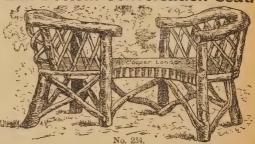
25in., £1 5s.

No. 233.

### Elm Bottom Conversation Seat.

So constructed that persons face each other when seated. A delightful piece of Garden Furniture.

> Price, 27s. 6d. each.





### Rustic Stools.

Either Pattern,
Price 3s. 6d. each.



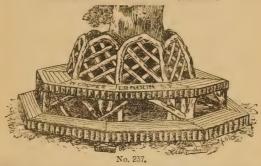
194

No. 236.

W. COOPER LONDON S

HORTICULTURAL PROVIDERS.

### Rustic Tree Seat.



These are very useful seats for parties, and can be built round the trunk of a ree, affording shade from the sun, 5s. per foot run, from front edge of seat; footboard to match, 1s. per foot. Stained and varnished.

# Hexagon Shape Rustic Vases.



No. 238.

Either pattern, stained and varnished.



No. 239,

Diameter inside.

	S.	d.		8.	d.
10in	 10	0	18in	 18	0
12in	 12	0	20in	 20	0
14in	 14	0	22in	 22	0
16in			24in	24	

HORTICULTURAL PROVIDERS.

#### Rustic Table.



No. 240.

2ft. diameter.

Price 17s. 6d.

### Swiss Top Rustic Table.



No. 241

2ft. diameter. Price 21s.

#### Double Rustic Vase.





W. COOPER LONDON, S.E.

No. 242.

Nin. diameter. Price 7s. 6d.



No. 243.

Lower vase, 30in. diameter, top ditto, 12in. Price £2 5s.

Rustic Table.



No. 244.

15in. diameter. Price 10s. 6d.

19

HORTICULTURAL PROVIDERS.

### Rustic Vase.



No. 245.
9in. in diameter.
PRICE 7s. 6d.

## Rustic Pot Bracket.



No. 246.

Price 3s. 6d.

# Imperial Black Varnish.



For Iron Fences, Wood Palings, Farm Buildings, Poultry Houses, &c.

18 gal. casks, 20s.; 36 gal. casks, 34s.; Casks included. Carefully packed on rail. Casks not returnable.

1 gal. 1s. 6d. (can 6d.); 5 gal. 5s. (can 2s.).

### Cooper's Disinfectas.

For Poultry Houses and Runs, Kennels, Rabbit Hutches, Stables, &c. Clean, Cheap, and Healthy.

Per Sack (2-bushel), 2s. 6d.; 10 for 22s. 6d., sacks included.

HORTICULTURAL PROVIDERS.



198

HORTICULTURAL PROVIDERS.



# Rustic Window Box.

No. 260.

Made any length.

Price, 3s. per foot.

### Rustic Window Box.

No. 261.

From 3s. per foot run.



### Rustic and Tiled Window Box.

No. 262.

From 4s. per foot run.

#### Raised Pattern Tile Window Box.



No. 263. From 5s. per foot run. Very handsome. Tiles in front.

#### Flat Pattern Tile Window Box.



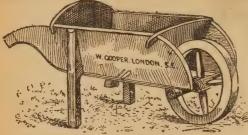
No. 264. From 6s. per foot run. Very neat. Tiles front and ends.

Both Rustic and Tile Window Boxes can be made in a variety of Patterns and Designs.

HORTICULTURAL PROVIDERS.

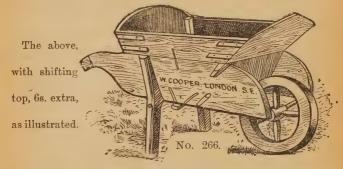
### Strong Garden Barrows.

These have an immense sale. Nothing to beat them in the Market.



Strongly made from well - seasoned timbers. and are light to handle. With wooden wheels. painted.

12in. sides. Price 21s.



### Stable and Garden Barrow.



12in. sides.

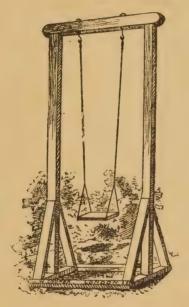
Price 17s. 6d.

Including shifting handle boards.

Shifting top, 7s. 6d. extra.

200

## Garden Swing.



No. 268.

A capital Swing, rigidly built and bolted at top, so that it can be easily taken to pieces when necessary. Fitted with strong wrought-iron hooks securely held by nuts. Best hempen rope and solid seasoned wood seat. Oil-painted two coats. Packed on rail at following prices:—

Height.		Width.						
10ft.	**********	4ft.	**********	£1	10	0.		
12ft.	******	5ft.	,,,,,,,,,	1	15	0		

# Shop Ladders and Steps.

Strongly made, for use in house, shop, office, garden and greenhouse.

#### Steps.



No. 269.

#### Shop Ladder.



No. 270.

				s. d.	1 1 1					s, d,
	tread	 	 each	2 3	4 tread				each	1 9
5	12	 	 23	2 6	5 ,,				3.3	2 2
6	22	 	 99	3 0	6 ,,			6.0	2.7	2 6
7	22	 	 17	4 0	7 ,,				2.2	2 9
8	22	 	 22	4 8	8 ,,				12	3 0
. 9	22	 	 22	5 6	9 ,,				27 1	3 5
10	22	 	 22	6 3	10 ,,				,,,	3 9
11	22	 	 "	7 0	11 ,,				22	4 2
12	99	 	 17	8 0	12 ,,	• •	• •	• •	22	4 6

### Cooper's Disinfectas.

For Poultry Houses and Runs, Kennels, Rabbit Hutches, Stables, &c. Clean, cheap, and healthy.

Per sack (2-bushel), 2s. 6d.; 10 for 22s. 6d., sacks included.

#### Roofing Felt.

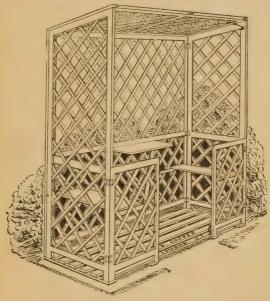
Patent Asphaltic Rolls, 22yd. long by 32in. wide, 3s. 6d. per roll; better quality, 4s. 6d.

Nails for fixing Felt, in boxes of 250, 6d.; 500, 1s.

HORTICULTURAL PROVIDERS.

### Folding Trellis Arbour.

Hundreds sold every season.



No. 271.

This neat and well-made Arbour is made to fold together so as to pack away in a small space when not in use. The sides, front, roof, &c., being hinged together, the whole may be taken down or erected in two minutes.

Complete with Seat each side, also Table.

6ft. long, 2ft. wide, 6ft. high, PRICE, £1 15s.

If a creeper is trained over Arbour it adds to the appearance.

Of Rustic Work the most extensive display is made by Messrs. W. Cooper, 751, Old Kent Road, S.E., who have a considerable variety of houses of various kinds, ranging from the good-sized thatched house to the small lean-to rustic arbour.—Vide Daily Press.

HORTICULTURAL PROVIDERS.

### Strong Garden Seats.

No. 272.

Painted Ironwork
and Varnished
Legs.



Wrought-Iron Standards and Arm Rests.

As Supplied to the Principal Parks, Gardens, &c., throughout the Kingdom.

PRICES: 3ft., 10s. 6d.; 4ft., 14s.; 5ft. (3 Standards),17s. 6d.; 6ft. 21s.; 7ft. (3 Standards), 24s. 6d. Special quotations for large quantities. Any design made to order.



# Folding Chairs.

Strong Iron Frame. Wooden Lath Seat. Nicely varnished.

No. 273.

PRICE ... 3s. each.



Folded

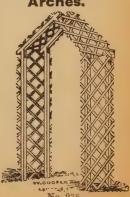
# Portable Folding Flower Stands.



No. 274. 4ft. long, 2ft. 6in. high.

PRICE 4s. each.
Suitable for Greenhouse, Garden,
Dwelling House, &c.

Trellis Garden Arches,



Strong, Portable, Painted.
PRICE 6s. 6d. each.

204

# WILLIAM COOPER, Limited,

Thorticultural Providers,
751, OLD KENT ROAD, LONDON, S.E.

Section V.



# llustrated Catalogue

OF

# IRON BUILDINGS:

Churches, Chapels, Mission Rooms, Hospitals, Club Houses, Residences, Dwelling Houses, Cottages, Bungalows, Offices,

Stables, Coach-houses, Workshops, Boat-houses, Schools, Billiard Rooms, Concert and Drill Halls, Ball Rooms, Loose Boxes, Roofing, etc., etc.

The following Illustrations show Elevations of a general character, but any deviations from the designs can easily be made as desired, and special Drawings will be forwarded, together with Prices, upon receipt of Specification.

ALL BUILDINGS CONTRACTED FOR ARE PROMPTLY FIXED IN A GIVEN TIME.

HORTICULTURAL PROVIDERS.

# Description of Materials used in the Construction of Iron Buildings,

#### The County Council

demand to be employed in all buildings materials of a sufficient substance and strength. All our Work is in accordance with the necessary requirements.

#### Brickwork

is only necessary for foundations where buildings are erected within the Metropolitan districts. Outside the boundary we generally employ stone template, placing them under the weight-carrying supports of the building on the level ground. Foundations are not included in our estimates.

#### Frame-work

is of the following substances: Sleepers and joists, 4in. by 2in.; principal rafters, 5in. by 2in., 6in. by 2in., 7in. by 2in., 3in. by 6in., 2½in. by 7in., 3in. by 8in., and 3in. by 9in., according to width of house; framework 3in. by 2in., 4in. by 2in., and 3in. by 4in.; purlins 4in. by 2in. It is made in sections to faciliate both fixing and removal, which can be easily accomplished at any time at a minimum cost of labour.

#### Floor Boards

are supplied of thoroughly seasoned deal of 3in. and lin. thicknesses.

#### Lining

is of thoroughly seasoned and selected matchboards of \( \frac{1}{2} \) in, and \( \frac{1}{2} \) in, and \( \frac{1}{2} \) in, and \( \frac{1}{2} \) in,

#### **Exclusion of Draughts**

is effected by a liberal use of felt in the walls and gables. We employ it in all buildings we erect. It has also the advantage of preserving an equable temperature.

#### **Ventilation**

is studied in every building, our principle being to thoroughly effect it without causing draught.

#### Galvanised Corrugated Iron

sheets of standard Birmingham gauge only are used. They are fixed on a principle that admits of their being easily released without damage to the structure.

#### Ornamental Finish

to gables and pinnacles is studied from the most approved Cothic designs.

HORTICULTURAL PROVIDERS.

Fittings and Glazings,

Locks, Bolts, Bars, Ventilating Gear, Gutters and Downpipes, and all Sundries are of the best make, and are carefully fixed. The Glass used in buildings quoted in this list is heavy 21oz.; but Rolled Plate, or Cathedral, or other qualities may be had at prices accordingly.

All County Council and other fees, if any, to be paid by the purchaser.

#### **Erection Prices**

include Delivery and Erection complete, Painting Outside Woodwork two coats best Oil Colour, and Staining and Varnishing Inside, Glazing Windows, &c., by our own men, all Railway Charges, Carriage, Men's Fares, Lodgings, &c., within 150 miles. Beyond this distance extra cost of Carriage, &c., will be charged.

#### **On-Rail or Wharf Prices**

include the building complete as above, ready for Erection, carefully marked and packed on Rail or delivered to London Wharf, and a drawing to facilitate erection supplied with each Building.

#### Deviations from the Designs.

The following Illustrations show Elevations of a general character, but any deviations from the Designs can easily be made as desired, and special drawings will be forwarded, together with Prices, upon receipt of Specification.

#### Increasing Demand.

Iron Buildings have been in use sufficiently long to put them to the test in every possible way, and from the continually increasing demand for them it may fairly be said that they justify a claim superior to any class of structure, for similar use, that existed prior to their introduction.

#### Neat in Appearance,

The advantages they possess are at once so apparent it hardly becomes necessary to point them out. On the ground of CLEANLINESS they have no equal. They are NEAT in appearance. The risk from fire is minimised, and from an ECONOMICAL POINT OF VIEW they are cheaper, commensurately, than any other form of temporary structures. With ordinary attention to the exterior, they will last a lifetime. All that is necessary for their preservation is to see they are painted, say, every three or four years. Where they are wanted to stand permanently, a four-course brick foundation is advisable. A Special Quotation for all Brickwork is given after a survey of the site, which is necessary, owing to the variation of soils and levels. It will, however, be found more expedient where brick foundation is wanted to entrust this to a local man, once having determined upon the capacity of the building to be placed upon it. Used as a Dwellinghouse, there is no necessity for waiting until the walls are dry before entering, inasmuch as no material used in the construction of the

HORTICULTURAL PROVIDERS.

Buildings is even damp, hence the readiness with which medical authorities resort to them for hospitals in cases of emergency. For those who take their pleasures up-river year by year, a portable building affords a means of enjoyment and change upon a scale of economy not found in any other system. We contract for every interior requisite, heating, lighting, cooking apparatus, furniture, &c., &c., whether required for the Church or the Gamekeeper's Cot.

### EXPORT TRADE.—Buildings suitable for all Climates— The Colonies, South Africa, and India,

Great care is necessary, not only in the construction, but in the selection of materials for all Buildings required for use in foreign countries. The experience we have had in this department, combined with assistance rendered to us by old residents abroad, has enabled us to turn out work which has met the full appreciation of those for whom we have contracted.

#### For Tropical Climes

our Buildings are constructed with a double roof, each end being covered with perforated zinc in order to admit a through current of air. This not only assists to cool the interior, but may be made to act as a thorough ventilator.

#### Our Buildings are all made in Sections,

and tested as a whole, before leaving our Works. Each part is numbered and lettered to correspond with a diagram which accompanies the Building, so that reference is made easy, and the putting together of the sections is a matter of common intelligence, no technical skill being required.

#### Packing for Shipment

has the greatest attention, so that the parts may be protected from rough usage, consequent upon a long voyage and transhipments and carriage overland.

#### Portable and Tenants' Fixtures.

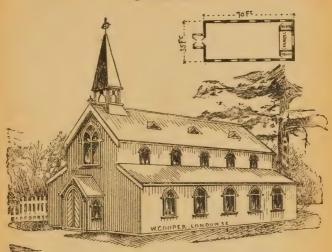
Being portable and tenants' fixtures, these Buildings commend themselves for service in all parts of the world. They can be enlarged or made small with comparative ease in any case of emergency.

If designs in this list do not meet with purchasers' requirements, Special Designs and Estimates will be promptly despatched on receipt of Rough Sketch and Particulars.

Special Designs Free.

HORTICULTURAL PROVIDERS.

### Church.



No. 276.

This Church is handsomely designed, and can be constructed to suit any number of people. Lowest cash estimates given for other sizes on receipt of particulars. Furniture, Lighting, and Heating Apparatus separately estimated for. For Specification, see pages 206 and 207.

Delivered nearest Goods Station, and erected complete on purchaser's foundation, or marked for re-erection, and bundled and packed on Rail or Wharf.

#### PRICES:

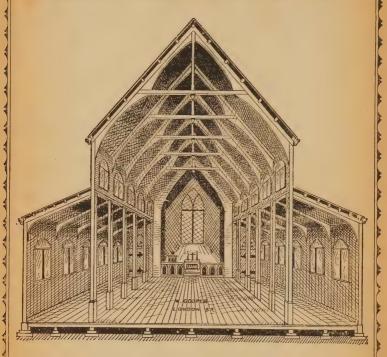
60ft. long by 30ft. wide, 9ft. to eaves, 26ft. to ridge, Erected complete, £300. On Rail or Wharf, £200.

70ft. long by 40ft. wide, 9ft. to eaves, 30ft. to ridge Erected complete, £415. On Rail or Wharf, £275.

Exclusive of fittings.

HORTICULTURAL PROVIDERS.

### Sectional Interior View of No. 276.



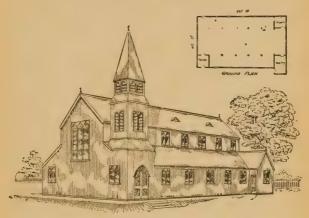
Showing construction. This is a much admired and approved design, being in strict accordance with the rules of modern architecture.

Any Building not in stock, or special sizes, can be placed on rail within three days from receipt of order.

Packing for shipment has the greatest attention, so that the parts may be protected from rough usage consequent upon a long voyage and transhipments and carriage over land.

HORTICULTURAL PROVIDERS.

### Church.



No. 277.

This design is of bold appearance, specially suited for large congregations, seating about 500 adults. Size, 70ft. long by 40ft. wide. Has Two Entrances. These, also Tower, can be placed in any position to suit purchaser. For Specification, see pages 206 and 207.

Delivered to nearest Goods Station, and erected complete on purchaser's foundation, £425; or marked for re-erection and bundled and packed on Rail or Wharf, £285.

Goldsithney.

<sup>&</sup>quot;NEW MISSION ROOM,—St. James' Mission Room, in connection with the Church of Enzland, and which is in South Road, Goldsithney, is now completed. Considering the time taken (16 days), this structure reflects much credit on the contractors (Messrs. W. Cooper, London). The St. James' Mission Room is called after the ancient Church which formerly stood in Goldsithney, and which was built 502 years ago."—Vide Daily Press.

To Messrs. Cooper, Ltd. Chalk House, Green Farm, Elmer Green, Caversham. "Sirs, "Your man will have finished to-day (Wednesday), the Bungalow. Everything is finished perfectly satisfactory, and your Foreman has given ne every satisfaction, &c. Should you care to refer anyone to me in the future as regards such a place they might be wanting, I would be glad to give Cooper's, Limited, a cood testimonial.—I remain, yours truly, (Signed) H. W. BAKER."

HORTICULTURAL PROVIDERS.

## Church or Chapel.



No. 278.

This is a very neat design. Substantially constructed, very neat appearance, and well ventilated. Size, 70ft. long by 30ft. wide, 9ft. to eaves, 20ft. to ridge. For Specification, see pages 206 and 207.

Delivered to nearest Goods Station, and erected complete on purchaser's foundation, £265, or marked for re-erection and bundled and packed on Rail or Wharf, £160.

Any size made at proportionate prices.

Messrs. W. Cooper & Co.

101, Wellington Street, Luton.

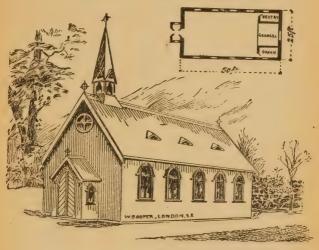
"DEAR SIRS,-The Trustees of the Wellington Street Baptist Chapel wish me to let you know that the building gives them every satisfaction, both in material and workmanship, and style of erection. - I am, yours, on behalf of the above,

(Signed) A. E. WITHAM,"

"DEAR SIRS,—Received Iron Building to-day; very satisfied with it.—Yours
(Signed) J. H. CARPENTER & CO. truly,

HORTICULTURAL PROVIDERS.

## Church or Chapel.



No. 279.

Another neat design, which is much patronised, well built. and well ventilated. For Specification, see pages 206 and 207.

Delivered to nearest Goods Station, and erected complete on purchaser's foundation or marked for re-erection, and bundled and packed on Rail or Wharf at the following prices:-

		Heigh			Erected	l	Packed on						
Length.	Width.	to Eav	es.	Ridge.	Complet		Rail or Wharf.						
ft.	ft.	ft.		ft.	£ s, d	l.	£ s. d.						
30	20	 8		16	 107 10 (	)	77 10 0						
40	20	 9		16	 132 10 (		100 0 0						
50	20	 9		16	 160 0 0	)	115 0 0						
60	25	 10		18	 220 0 0		145 0 <b>0</b>						

Any size made at proportionate prices.

Tamesa, Kingston Hill, Surrey.

W. E. G. L. FINNY,"

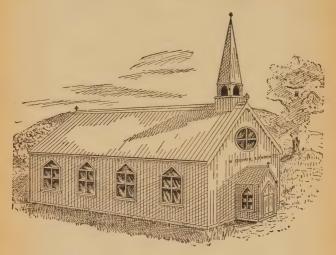
"DEAR SIRS,—I am quite satisfied with the manner in which the iron and woodwork of my Stable and Coach House has been carried out.

To Messrs. Cooper, Old Kent Road.

(Signed)

HORTICULTURAL PROVIDERS.

## Church or Chapel.



No. 280.

This style of Church is suitable either for temporary use or a permanency. Is of economical design, and can be made to any size. For Specifications, see pages 206 and 207.

Delivered to nearest Goods Station and erected complete on purchaser's foundation, or marked for re-erection, and bundled and packed on Rail or Wharf at the following prices:—

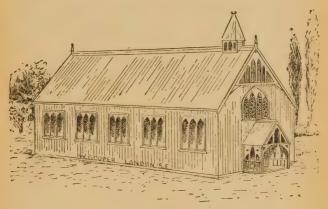
					Erected Complete.					On Rail or Wharf							
Length.	V	Vidth.		Eaves.		Ridge.			£	S.	d.			£	S.	d.	
						16ft.			90	0	0			60	0	0	
						16ft.			110	0	0			70	0	0	
						16ft.			130	0	0			80			
60ft.	by	25ft.	by	10ft.	by	18ft.			180	0	0			105	0	0	

Any size made at proportionate prices.

"Gentlemen,—Shall be pleased to report favourably of Buildings you sent me to War Office enquirers.—Yours truly, (Signed) T. H. Barnes,"

HORTICULTURAL PROVIDERS.

## Church or Chapel.



No. 281.

This is a handsome and picturesque Design, and is very much in vogue. Can be built to accommodate any number of worshippers up to 1,000. For Specification, see pages 206 and 207.

Delivered to nearest Goods Station and erected complete on purchaser's foundation, or marked for re-erection, and bundled and packed on Rail or Wharf at the following prices:—

50ft. by 25ft., erected complete, £175; on Rail or Wharf, £115. 60ft. by 30ft., , , , £225; , , , £135.

Any size made at proportionate prices.

If designs in this List do not meet with purchasers' requirements, special designs and estimates will be promptly dispatched on reveipt of rough sketch and particulars.

Mr. W. COOPER.

View Down, Burgess Hill.

<sup>&</sup>quot;Dear Sir.—I have much pleasure in testifying to the very satisfactory manner in which you have erected the Iron Buildings here.—Yours faithfully,

HORTICULTURAL PROVIDERS.

## Church or Chapel.



No. 282.

This is a very pretty Design, and has met with approval wherever erected. Is made to seat from 200 people. For

Specifications, see pages 206 and 207.

Delivered to nearest Goods Station and erected complete on purchaser's foundation, or marked for re-erection and bundled and packed on Rail or Wharf at the following prices:—
40ft. by 20ft., erected complete, £115; on Rail or Wharf, £75.
50ft. by 25ft., " £165; " #110.

Any size made at proportionate prices.

# Design for School Rooms.



No. 282A.

Main Building 60ft. by 30ft., with 12ft. by 12ft. projection.

Erected Complete, £230. On Rail or Wharf, £145.

Estimates for other sizes, also for Partitions to form separate

rooms, free on application.

HORTICULTURAL PROVIDERS.



No. 283.

Delivered and erected upon purchaser's foundation. Platform not included. For Specification, see pages 206 and 207.

Delivered to nearest Goods Station, and erected complete on purchaser's foundation, or marked for re-erection, and bundled and packed on Rail or Wharf at the following prices:—

	)	Erected	Co	mplete	Or	Rail or Wharf.	
Length. Width.		£	S.	d.		£ s. d.	
10ft. by 8ft.	 	12	0	0	 	9 10 0	
14ft. by 10ft.	 	20	0	0	 	14 15 0	
18ft. by 12ft.	 	30	0	0	 	22 0 0	
22ft. by 14ft.	 	45	0	0	 	35 0 0	
26ft. by 16ft.	 	60	0	0	 	40 0 0	
30ft. by 18ft.	 	65	0	0	 	45 0 0	
40ft. by 20ft.	 	90	0	0	 	60 0 0	
50ft. by 24ft.	 	125	0	0	 	80 0 0	
60ft by 30ft		175	n	0 .		110 0 0	

This Building has plain front, with door in centre and window each side. Porch can be added at a small extra charge on above prices. Any size made at proportionate prices.

HORTICULTURAL PROVIDERS.

#### Church or Chapel.



No. 284.

A very neat, soundly-constructed, and well-ventilated Church. Economical in design, and has given universal satisfaction. For Specification, see pages 206 and 207.

Delivered to nearest Goods Station, and erected complete on purchaser's foundation, or marked for re-erection and bundled and packed on Rail or Wharf at the following prices:-

Erected	On Rail
Complete.	or Wharf.
£ s. d.	£ s. d.
100 0 0	70 0 0
100 0 0	80 0 0
7.45 0 0	95 0 0
200 0 0	125 0 0
	Complete. £ s. d. 100 0 0 120 0 0 145 0 0

These Buildings, being portable and tenants' fixtures, commend themselves for service in all parts of the world.

129, Bute Street, Treorchy, Rhondda. "DEAR SIRS,-We have sent you this morning cheque for balance of your

contract. "We are exceedingly pleased with the Iron Schoolrooms, both the materials and workmanship being good, and completed to our satisfaction. firm, who have discharged their duties under most unpropitious weather to our

"We wish to record our thanks and appreciation of the service rendered by your

With our thanks for the satisfactory fulfilment of your entire satisfaction. contract, we remain, yours faithfully,

For the Bethania Congregational Church. (Signed) W. P. JONES."

Messrs. W. Cooper, Ltd., 751, Old Kent Road, London, S.E.

HORTICULTURAL PROVIDERS.

# Swimming Baths.

No. 285.

This Design has been well considered, and can be made to accommodate any number. Delivered and erected upon Purchaser's foundation and bath. Size of Building, 65ft. by 30ft. With 24 compartments, Hall, Office, and Caretaker's Room. For full specification, see pages 206 and 207.

Delivered to nearest Goods Station, and erected complete, £300; or marked for re-erection and bundled and packed on Rail or Wharf, £205.

Any size made at proportionate prices. Plans Free.

#### **Brickwork**

is only necessary for foundations where buildings are erected within the Metropolitan districts. Outside the boundary we generally employ stone template, placing them under the weightcarrying supports of the building on the level ground. Foundations are not included in our estimates.

HORTICULTURAL PROVIDERS.

#### Village School.



No. 286.

This is a very Convenient Building for a Mixed School, which has had careful consideration. Is divided into two Rooms, one 20ft. by 20ft., the other 20ft. by 30ft., with Entrance Hall, 10ft. by 8ft. Delivered to nearest Goods Station, and erected complete upon purchaser's foundations, or marked for recrection, and bundled and packed on Rail or Wharf.

Size 40ft. by 30ft.

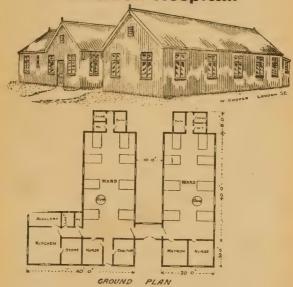
Erected Complete, £155; on Rail or Wharf, £110. Ground Plan Free on Application.

#### **Erection Prices**

include Delivery and Erection complete, Painting Outside Woodwork two coats best oil colour, and Staining and Varnishing Inside, Glazing Windows, &c., by our own men, all Railway Charges, Carriage, Men's Fares, Lodgings, &c., within 150 miles. Beyond this distance extra cost of Carriage, &c., will be charged.

HORTICULTURAL PROVIDERS.

#### Isolation Hospital.



No. 287.

Plan and Elevation of Complete Isolation Hospital.

For Specification, see pages 206 and 207.

Delivered to nearest Goods Station and Erected Complete, £375; or marked for re-erection and bundled and packed on Rail or Wharf, £250.

Estimates given for Foundations. Plans Free.

Hospitals despatched within 24 hours after receipt of order, and erected complete, ready for occupation within 14 days.

One of our Surveyors waits on intending purchasers to take particulars, give advice, &c., free of charge.

#### Ventilation

is studied in every building, our principle being to thoroughly effect it without causing draught.

HORTICULTURAL PROVIDERS.

#### Hospital (Isolated Wards).



No. 288.

This Design has been thoroughly well considered and planned. It can be built to accommodate from Sixteen to Thirty-two Beds. Contains Doctor's Residence, Nurse's Rooms, Disinfecting Rooms, Bath Rooms, Closets, Kitchen, Scullery, Larder, Pantry, &c., &c., or can be fitted or divided to purchaser's own requirements. For Specification, see pages 206 and 207.

Delivered to nearest Goods Station and erected complete upon purchaser's foundation, or marked for re-erection and bundled and packed on Rail or Wharf.

For	16	Beds,	Erected	Complete,	£420;	on	Rail	or	Wharf,	£300
27	24	99	. 99	"	£550;		,,		,,	£370
	32				£625;				,, ;	£400

Estimates for any Designs, Plans, and full Specification on application.

Hospitals despatched within twenty-four hours after receipt of order, and erected complete ready for occupation within 14 days.

One of our Surveyors waits on Intending Purchasers to take Particulars, give Advice, &c., Free of Charge.

#### Hospital (Isolated).



No. 289.

Is specially adapted for infectious diseases. Is built to accommodate from Sixteen to Thirty-two Patients, and contains both Male and Female Wards, Doctor's Room, Waiting Room, Nurse's Rooms, and Kitchen, well ventilated. For Specification, see pages 206 and 207.

Delivered to nearest Goods Station and erected complete upon purchaser's foundation, or marked for re-rection and bundled and packed on Rail or Wharf.

Ground Plans Free on application.

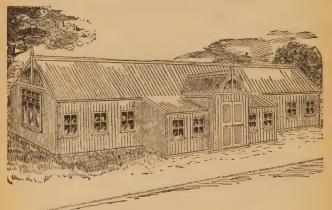
Hospitals despatched within 24 hours after receipt of Order, and erected complete, ready for occupation, within 14 days.

#### Galvanised Corrugated Iron.

Sheets of standard Birmingham gauge only are used. They are fixed on a principle that admits of being easily released without damage to the structure.

HORTICULTURAL PROVIDERS.

#### Iron Portable Hospital.



No. 290.

Constructed for the isolation of infectious diseases on the most approved sanitary principles. Well ventilated, both by windows, which are made to open, and through the roof. Contains Male and Female Wards, Doctor's and Nurse's Rooms, Kitchen, Scullery, Bath Room, and Lavatories. For Specification, see pages 206 and 207.

Delivered to nearest Goods Station, erected complete upon purchaser's foundation, or marked for re-erection, and bundled and packed on Rail or Wharf.

For 8	Beds,	Erected,	£225;	on	Rail	or Wharf,	£175
,, 12	23	99	£285;		9.9		£210
16		100	£350 ·				£250

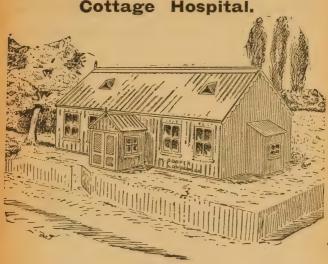
Special Estimates for Foundations, which are not included in these prices.

Can be despatched at 24 hours' notice, and erected complete ready for occupation within 14 days.

#### **On-Rail or Wharf Prices**

include the building complete as above, ready for erection, carefully marked and packed on Rail or delivered to London Wharf, and a drawing to facilitate erection supplied with each building.

HORTICULTURAL PROVIDERS.



No. 291.

This Design has been thoroughly considered, and is especially adapted for the purpose for which it is intended. Contains both Male and Female Wards, two Lavatories, Nurses' Room, Bedroom, and Kitchen. For Specification, see pages 206 and 207.

Delivered to nearest Goods Station and erected complete upon purchaser's foundation, or marked for re-erection and bundled and packed on Rail or Wharf.

For	8 Beds,	erected	Complete,	£200;	on Rail,	£150.
For	12	99	2)	£260;		£185.
For		99	. 99	£320;	"	£220.
For	20		91	£380:		£250.

Plans and full Specification on application.

#### **Exclusion of Draughts**

is effected by a liberal use of Felt in the walls and gables. We employ it in all buildings we erect. It has also the advantage of preserving an equable temperature.

HORTICULTURAL PROVIDERS.

# School, Mission, Living Rooms, Offices, Workshops, &c., &c.



No. 292.

Can be divided to make separate rooms, &c., at small extracharge. For Specification, see pages 206 and 207.

Delivered to nearest Goods Station and erected complete on purchaser's foundation, or marked for re-erection, bundled and packed on Rail or Wharf, with or without lining, &c., at the following respective prices:—

Building only on Rail

							No F	loorin	ıg,	Mate	chi
				Com	olete	on-	Gutt	ers, or	Fe.	it. (	Oth
		Erect	ed	Ra	il o	r	wise	Co	mp	lete	
Length. Width.		Comple	ete.	W	har	f.		Speci	ifica	tion	l.
8ft. by 6ft.		£10 0		 - £8	0	0		£5	0	0	
10ft. by 3ft.		12 0	0	 9	10	0		_7	10	0	
14ft. by 10ft.		20 0	Ō	 14	15	0		9	15	0	
18ft. by 12ft.		:30 0	0	 22	0	0		15	0	0	
22ft. by 14ft.		45 0	0	 35	0	0		25	0	0	
26ft. by 16ft.		60 0	Õ	 45	0	0		28	0	0	
30ft. by 18ft.		65 0		 47	10	0		31	0	0	
40ft. by 20ft.		90 0	0	 60	0	0		40	0	0	
50ft. by 24ft.		125 0		 80		Ŏ		65	0	0	
60ft. by 30ft.	•	175 0	ŏ	 110	Ō	Ō		70	0	0	
0010 03 0010	•••	210 0	_								

Door and Windows can be placed in any position to suit purchaser.

HORTICULTURAL PROVIDERS.

# School, Mission, Living Rooms, Offices, Workshops, &c., &c.



No. 293.

Can be divided to make separate rooms, &c., at small extracharge. For Specification, see pages 206 and 207.

Delivered to nearest Goods Station, and erected complete on purchaser's foundation, or marked for re-erection, bundled and packed on Rail or Wharf, with or without lining, &c., at the following respective prices:—

											Match
					Comple	te on					Felt
	Ere	cte	d		Rail						mplete
Length. Width.	Com	ple	te.		Wha	rf.	а	s Sp	ecif	icat	ion.
8ft. by 6ft.	 £10	0	0		£8 0			£5	0	0	
10ft. by 8ft.	 12	0	0		9 10	0		7	10	0	
14ft. by 10ft.	 20	0	0		14 15	0		9	15	0	
18ft. by 12ft.	 30	0	0	~ 0	22 0	0		15	0	0	
22ft. by 14ft.	 45	0	0		35 0	0		25	0	0	
26ft. by 16ft.	 60	0	0		45 0	0		28	0	0	
30ft. by 18ft.	 65	0	0		47 10	0		31	0	0	
40ft. by 20ft.	 90	0	0		60 0	0		40	0	0	
50ft. by 24ft.	 125	0	0		80 0	0		66	0	0	
60ft by 30ft	175	Ω	Ω		110 0	0		70	Ω	0	

Door and Windows can be placed in any position to suit purchaser.

#### The County Council

demand that materials of a sufficient substance and strength be employed in all buildings. ALL OUR WORK is in accordance with the necessary requirements.

HORTICULTURAL PROVIDERS.

# School, Mission, Living Rooms, Offices, Workshops, &c., &c.



No. 294.

Can be divided to make separate rooms, &c., at small extra charge. For Specification, see pages 206 and 207.

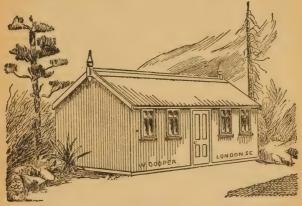
Delivered to nearest Goods Station and erected complete on purchaser's foundation, or marked for re-erection, bundled and packed on Rail or Wharf, with or without lining, &c., at the following respective prices:—

Length. Width, 8ft. by 6ft. 10ft. by 8ft. 14ft. by 10ft. 18ft. by 12ft. 22ft. by 14ft. 26ft. by 16ft. 30ft. by 18ft.		Erected Complete. £ s. d. 10 0 0 12 0 0 0 20 0 0 30 0 0 45 0 0 0 65 0 0		Complete on Rail or Wharf. £ s. d. 8 0 0 9 10 0 14 15 0 22 0 0 35 0 0 0 45 0 0 47 10 0	No Fl Gutte wi	oring, Matching, ors, or Felt. Other se Complete as specification.  £ s. d. 5 0 0 7 10 0 9 15 0 15 0 0 25 0 0 28 0 0 31 0 0
	••	90 0 0		60 0 0	• •	
40ft. by 20ft.	• • •	125 0 0	• • •	80 0 0	• •	40 0 0 65 0 0
50ft. by 24ft. 60ft. by 30ft.	• • •	175 0 0		110 0 0	• •	70 0 0
oore, by bore,		110 0 0		110 0 0		10 0 0

Door and Windows can be placed in any position to suit purchaser.

HORTICULTURAL PROVIDERS.

# School, Mission, Living Rooms, Offices, Workshops, &c., &c.



No. 295.

Can be divided to make separate rooms, &c., at small extracharge. For Specification, see pages 206 and 207.

Delivered to nearest Goods Station, and erected complete on purchaser's foundation, or marked for re-erection, bundled and packed on Rail or Wharf, with or without lining, &c., at the following respective prices:—

0 -									Build No F	loorir	ig, N	Iatch	ning,
						Con	nple	te	Gutte	rs, or	Fel	t. Ot	her-
		Ere	cte	he		on I			wis	se Co	mpl	ete a	S
		Com	nle	te.		W	arf.		\$	Speci	ficat	ion.	
Length. Width.		£	S.	d.		£	8.	d,		£	s.	d.	
8ft. by 6ft.		10	õ	0		-8	0	0		5	0	0	
1064 by 066	• •	12	ŏ	ŏ		9	10	0		7	10	0	
10ft. by 8ft.	• •	20	ŏ	ŏ		14	15	ŏ		. 9	15	0	
14ft. by 10ft.			ő	0		22	0	ŏ	-	15	0	0	
18ft. by 12ft.		30					ő	ŏ	**	25	Ö	0	
22ft. by 14ft.		45	0	0	* 4	<b>3</b> 5			911	28	ŏ	ŏ	
26ft, by 16ft,		60	0	0		45	0	0	**		ő	0	
30ft. by 18ft.	5%	65	0	0		47	10	0		31			
40ft, by 20ft.		90	0	0		60	0	0		40	0	0	
50ft, by 24ft.		125	0	0		80	0	0		66	0	0	
60ft, by 30ft.	• • •	175	0	U		110	0	0		70	0	0	

Door and Windows can be placed in any position to suit purchaser.

# School, Mission, Living Rooms, Offices, Workshops, &c., &c.



No. 296.

Can be divided to make separate rooms, &c., at small extra charge. For Specification, see pages 206 and 207.

Delivered to nearest Goods Station and erected complete on purchaser's foundation, or marked for re-erection, bundled and packed on Rail or Wharf, with or without lining, etc., at the following respective prices:—

										on Ratchi	
				Cor	mple	te				t. Oth	
	Er	ecte	d		Rail		wi	se Co	mpl	ete as	
	Con	aple	te.	W	har	f.	- 1	Speci	ficat	ion.	
Length. Width.	£	S.	d.	£		d.		£	S.	d.	
8ft. by 6ft.	 10	0	0	 8	0	0		5	0	0	
10ft. by 8ft.	 12	0	0	 9	10	0		7	10	0	
14ft. by 10ft.	 20	0	0	 14	15	0		9	15	0	
18ft. by 12ft.	 30	0	0	 22	0	0		15	0	0	
22ft. by 14ft.	 45	0	0	 35	0	0		25	0	0	
26ft. by 16ft.	 60	0	0	 45	0	0		28	0	0	
30ft. by 18ft.	 65	0	0	 47	10	0		31	0	0	
40ft. by 20ft.	 90	0	0	 60	0	0		40	0	0	
50ft. by 24ft.	 125	0	0	 80	0	0		66	0	0	
60ft, by 30ft.	 175	0	0	 110	0	0		70	0	0	

Door and Windows can be placed in any position to suit purchaser.

HORTICULTURAL PROVIDERS.

# School, Mission, Living Rooms, Offices, Workshops, &c., &c.



No. 297.

Can be divided to make separate rooms, &c., at small extracharge. For Specification, see pages 206 and 207.

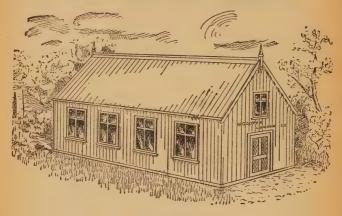
Delivered to nearest Goods Station and erected complete on purchaser's foundation, or marked for re-erection, bundled and packed on Rail or Wharf, with or without lining, &c., at the following respective prices:—

								Buil	ding	onl	y on h	tail.
								No.	Floor	ing.	Match	ing.
					Co	mple	ete	Gut	ters.	or F	elt. Ot	her-
		Title:	ecte	he		n Ra					olete a	
		Cor				Wha		Specification.				
Length. Width.		£	S.	d.		S.	d.	1	£	S.	d.	
					£ 8	0	Ö		<u></u>	0	0	
		10	0	0					2			
10ft. by 8ft.	• •	12	0	0	 9	10	0		7	10	0	
7/64 1- 7064		20	0	0	 14	15	0		9	15	0	
1064 2 1064		30	0	0	 22	0	0		15	0	0	
0004 1- 1004		45	0	0	 35	0	-0		25	0	0	
0004 2- 1604		60	0	0	 45	0	0		28	0	0	
7064 Las 1064		65	0	0	 47	10	0		31	0	0	
4064 Par 0064		90	Ō	Ō	 60	0	0		40	0	0	
FORK by 2/184		125	Õ	0	 80	0	0		66	0	0	
GOST has 30St		175	0	0	 110	0	0		70	0	0	

Door and Windows can be placed in any position to suit purchaser.

HORTICULTURAL PROVIDERS.

# Mission, School, Billiard, or Entertainment Room.



No. 298.

A cheap, well-made structure. Can be partitioned off into two rooms. Floored and match-lined. For Specification, see pages 206 and 207.

Delivered to nearest Goods Station and erected complete on purchaser's foundation, or marked for re-erection, bundled and packed on Rail or Wharf, with or without lining, &c., at the following respective prices:—

					Build	ing only	on Rail.
					No	Flooring	, Match-
					ing,	Gutters,	or Felt.
T 11 WWW. 1.		Erected		On Rail	Other	wise Co	mplete as
Length. Widt	h.	Complete.		or Wharf.		Specific	ation.
8ft. by 6ft.		£10 0 0		£8 0 0		£5 0	
10ft. by 8ft.		12 10 0		9 10 0		7 10	0
14ft. by 10ft.		20 <b>0 0</b>		14 15 0		9 15	0
18ft. by 12ft.		30 0 0		22 0 0		15 0	Ö
22ft. by 14ft.		45 0 0		35 0 0		25 0	Ŏ
26ft. by 16ft.		60 0 0		45 0 0		28 0	0
30ft. by 18ft.		65 0 0		47 10 0			ő
40ft. by 20ft.		90 0 0		60 0 0			ő
50ft. by 24ft.		125 0 0		80 0 0			0
60ft. by 30ft.		175 0 0	•••	110 0 0			0
		210 0 0	•	110 0 0	• •	70 0	U

Door and Windows can be placed in any position to suit purchaser.

# Workmen's or Gardeners' Cottages.



No. 299.

Three-room Cottages, containing Two Bedrooms, each 9ft. by 7ft.; Kitchen, 14ft. by 13ft.; and Scullery, 6ft. by 6ft.; specially suitable for estates, large works, &c. For Specification, see pages 206 and 207.

Delivered to nearest Station, and erected complete on purchaser's foundation, in Blocks of two, as illustration, £60 each, or £120 per Block; six Blocks, £110 each; twelve Blocks, £100 each; or marked for re-erection and bundled and packed on Rail or Wharf, one Block, £85; six Blocks, £82 10s. each; twelve Blocks, £80 each, if ordered at one time. Brick chimneys not included.

Ground plan free on application.

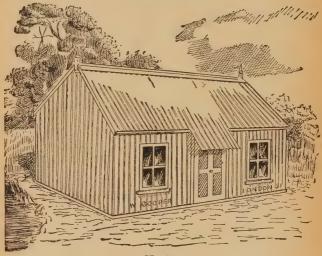
Special quotation given for large numbers.

#### Fittings and Glazings,

Locks, Bolts, Bars, Ventilating Gears, Gutters, and Downpipes, and all sundries are of the best make, and are carefully fixed. The Glass used in buildings quoted in this List is heavy 21oz.; but Rolled Plate, or Cathedral, or other qualities may be had at prices accordingly.

HORTICULTURAL PROVIDERS.

# Cottage, School, Storeroom, or Workshop.



No. 300.

#### A Serviceable and Inexpensive Structure.

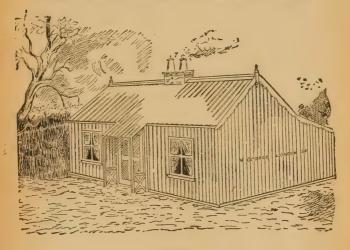
This building is suitable for a number of purposes. The door and windows can be placed in any position, also any number of partitions may be added, forming separate rooms, to suit purchaser's requirements, at a small extra cost.

Delivered to nearest Goods Station and erected complete on purchaser's foundation, as per Specification, pages 206 and 207, or marked for re-erection and bundled and packed on Rail at the following prices:—

0.64	l	C 04					plete.	Or			Wharf.
010.	ру	6ft.	9.0	 £10	0	-0			£8	0	0
10ft.	by	8ft.	5 84	 12	10	0					ŏ
14ft.	by	10ft.	3.3	 20		0			14		Ŏ
		12ft.		 30		0			22	0	Ō
22ft.	by	14ft.		 45	0	0			35	0	0
20ft	by	16ft.		 60		0			40	0	0
SUIT.	by	18ft.	• •	 65		0			45	0	0
4UIT.	by	20ft.	• •	 90		0			60	0	0
DUIT.	by	24ft.	••	 125	0	0			80	0	0
<b>6</b> 0ft.	by	Suft.	**	 175	0	0	**		110	0	0

HORTICULTURAL PROVIDERS.

#### Portable Gardener's Cottage.



No. 301.

Four Rooms containing Two Bedrooms, 9ft. by 7ft.; Sitting Room, 13ft. by 14ft.; and Kitchen, 13ft. by 7ft.

This is a cheap and serviceable structure, and will be found admirably adapted for use by a Gardener, Groom, or Gamekeeper. For Specification, see pages 206 and 207.

Delivered to nearest Goods Station, and erected upon purchaser's foundation, £65, or marked for re-erection, and bundled and packed on Rail or Wharf, £45.

If three or more are ordered at one time, £60 each erected, or £42 10s, each on Rail.

Ground Plan free on application. Brickwork not included.

Our Buildings are all made in sections. Each part is numbered and lettered, so that the putting together of the sections requires no technical skill.

HORTICULTURAL PROVIDERS.

## Dwelling House, Cricket, Tennis, or Golf Pavilion.



No. 302.

This handsome design contains five rooms, consisting of two Bedrooms, 13ft. by 8ft., Dining Room, 13ft. by 12ft., Drawing Room, 13ft. by 12ft., and Kitchen, 10ft. by 7ft.; or Saloon, Refreshment Room, two Dressing Rooms, and Lavatory. Main Building 30ft. by 24ft., with 5ft. Verandah and 7ft. Back addition. For Specification, see pages 206 and 207.

Delivered to nearest Goods Station, and erected complete on purchaser's foundation, £125, or marked for re-erection and bundled and packed on Rail or Wharf, £90.

Ground Plan free on application.

#### Frame-work

is of the following substances: Sleepers and joists, 4in. by 2in.; principal rafters, 5in. by 2in., 6in. by 2in., 7in. by 2in., 3in. by 6in., 2½in. by 7in., 3in. by 8in., and 3in. by 9in., according to width of house; framework, 3in. by 2in., 4in. by 2in., and 3in. by 4in.; purlins, 4in. by 2in. It is made in sections to facilitate both fixing and removal, which can be easily accomplished at any time at a minimum cost of labour.

#### Floor Boards

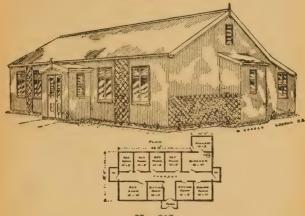
are supplied of thoroughly seasoned deal of 3in. and lin thicknesses.

Lining

is of thoroughly seasoned and selected matchboards of lin. and fin., tongued and grooved.

HORTICULTURAL PROVIDERS.

#### Bungalow.



No. 303.

Design for Ten-Roomed Bungalow, comprising Dining Room, Sitting Rooms, Five Bed Rooms, Kitchen, Scullery, Bath Room, and w.c. The main building measures 48ft. by 25ft., with small additions at back ends and front, as shown on ground plan. The position and sizes of rooms may be altered to suit purchaser's requirements. For full Specification, see pages 206 and 207.

Delivered to nearest Goods Station, and erected complete on purchaser's foundation, £230, or marked for re-erection and bundled and packed on Rail or Wharf, £190.

#### **Erection Prices**

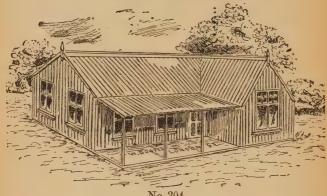
include delivery and erection complete, painting outside woodwork two coats best oil colour, and staining and varnishing inside, glazing windows, &c., by our own men, all railway charges, carriage, men's fares, lodgings, &c., within 150 miles. Beyond this distance extra cost of carriage, &c., will be charged.

#### **On-Rail or Wharf Prices**

include the building complete as above, ready for erection, carefully marked and packed on rail or delivered to London wharf, and a drawing to facilitate erection supplied with each building.

HORTICULTURAL PROVIDERS.

#### Dwelling House.



No. 304.

A well-planned design, constructed upon the most approved principles, containing two Bedrooms, Drawing Room, Dining Room, and Kitchen. It has a Verandah in front. Specification, see pages 206 and 207.

Inside arrangement can be altered to suit purchaser's requirements.

Delivered to nearest Goods Station and erected complete upon purchaser's foundation, or marked for re-erection and bundled and packed on Rail or Wharf.

30ft. by 20ft. Erected Complete, £120; on Rail, £80.

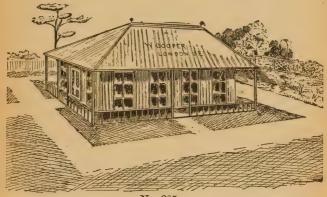
Ground Plan on application.

#### Frame Work

is of the following substances: Sleepers and joists, 4m. by 2in.; principal rafters, 5in. by 2in., 6in. by 2in., 7in. by 2in., 3in. by 6in., 2½ in. by 7in., 3in. by 8in., and 3in. by 9in., according to width of house: framework, 3in, by 2in., 4in, by 2in., and 3in, by 4in.; purlins, 4in. by 2in. It is made in sections to facilitate both fixing and removal, which can be easily accomplished at any time at a minimum cost of labour.

HORTICULTURAL PROVIDERS.

#### Bungalow Style of Residence.



No. 305.

This is an exceedingly neat and pretty design, with 3ft. Verandah all round, and is greatly in demand. It comprises Six Rooms and usual Domestic Offices; Two Bedrooms, 12ft. by 10ft.; One Bedroom, 9ft. by 12ft.; Dining Room, 15ft. by 12ft.; Sitting-room, 15ft. by 12ft.; Kitchen, 9ft. by 12ft; Scullery, Bath Room, and w.c. For Specification, see pages 206 and 207.

Delivered to nearest Goods Station and erected complete on purchaser's foundation, £175; or marked for re-erection and bundled and packed on Rail or Wharf, £110.

Ground Plan free on application. Main Building 35ft. by 28ft.

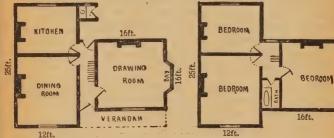
#### **Buildings for Foreign Countries.**

Great care is necessary, not only in the construction, but in the selection of materials for all buildings required for use in foreign countries. The experience we have had in this department, combined with assistance rendered to us by old residents abroad, has enabled us to turn out work which has met the full appreciation of those for whom we have contracted.

HORTICULTURAL PROVIDERS.

#### Dwelling House.





PLAN OF GROUND FLOOR.

#### PLAN OF FIRST FLOOR.

This is a Residence of a well-planned Design. It contains Drawing Room, Dining Room, Kitchen, three Bedrooms, Bath Room, and w.c. Having a verandah, gives it a handsome appearance. For Specification, see pages 206 and 207.

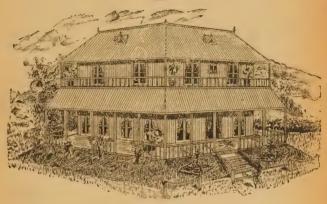
Delivered to nearest Goods Station and erected complete on purchaser's foundation, £250; or marked for re-erection and

bundled and packed on Rail or Wharf, £160.

Brick Chimneys, w.c. Fittings, and Stoves not included. Portable Stoves supplied, prices on application.

HORTICULTURAL PROVIDERS.

#### Bungalow.



No. 307.

Picturesque erection, with Verandah, for the Country or Seaside, 24ft. by 24ft. Built on a raised terrace it is particularly striking. Two Storied, with double Verandah, constructed with eight or more rooms, as desired.

Delivered to nearest Goods Station and erected complete on purchaser's foundation, as per Specification, pages 206 and 207, £350; or marked for re-erection and bundled and packed on Rail or Wharf, £250.

Other Sizes at Proportionate Prices.

Ground Plans free on Application.

#### Our Buildings are all made in Sections,

and tested as a whole before leaving our Works. Each part is numbered and lettered to correspond with a diagram which accompanies the Building, so that reference is made easy, and the putting together of the sections a matter of common intelligence, no technical skill being required.

Packing for shipment has the greatest attention, so that the parts may be protected from rough usage, consequent upon a long voyage, transhipments, and carriage overland.

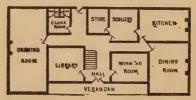
HORTICULTURAL PROVIDERS.

#### Residence.





No. 308.



GROUND PLAN.

Handsomely designed Residence. For Specification, see pages 206 and 207.

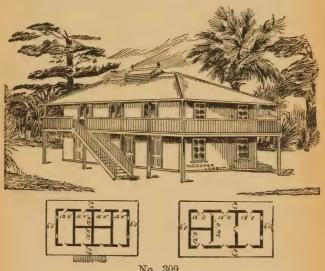
Delivered to nearest Goods Station and erected complete on purchaser's foundation, £425; or marked for re-erection and bundled and packed on Rail or Wharf, £300

Could be altered to suit purchaser's requirements.

Brick Chimneys, w.c. Fittings, and Stoves not included. Complete Estimate on application.

#### WILLIAM GOOPER, Ltd. 751, Old Kent Rd. London, S.E. HORTICULTURAL PROVIDERS.

#### Residence for Hot Climate.



No. 309.

Specially Designed for Tropical Countries.

Every attention is given to suit the climate, and special requirements of purchasers. For full Specification, see pages 206 and 207.

Everything complete, packed, marked, and bundled ready for re-erection. Delivered London Docks. £375.

Full working Drawings, Plans, &c., sent with every Building.

#### Being Portable and Tenant's Fixtures,

these Buildings commend themselves for service in all parts of the world. They can be enlarged or made small with comparative ease in any case of emergency.

#### Ventilation

is studied in every building, our principle being to thoroughly effect it without causing draught.

HORTICULTURAL PROVIDERS.

#### African Merchant's Station.



No. 310.

SPECIALLY CONSTRUCTED FOR TROPICAL COUNTRIES.

Warehouse, Shop, and Residence combined. Everything complete, packed, marked, and bundled ready for re-erection. Delivered London Docks, £400. Every attention is given to suit the climate and special requirements of purchasers. For full Specification, see pages 206 and 207.

Full working Drawings, Plans, &c., sent with every Building.

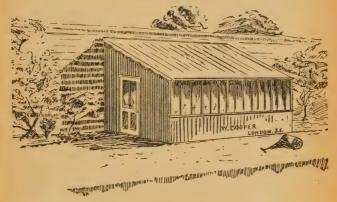
#### For Tropical Climate.

For tropical climes our Buildings are constructed with a double roof, each end being covered with perforated zinc in order to admit a through current of air. This not only assists to cool the interior, but may be made to act as a thorough ventilator.

HORTICULTURAL PROVIDERS.

#### Workshop.

Lean-to.



No. 311.

Constructed of Strong Wooden Framework, and covered with Galvanised Corrugated Iron Sheets. Not lined. Made in sections, and fitted ready for erection. Glass cut to sizes. Carefully packed on Rail or Wharf.

10ft. by 8ft., £7. 18ft. by 12ft., £14. 30ft. by 18ft., £30. 60ft. by 30ft., £60.

Doors and Windows can be placed in any position to suit purchaser's requirements.

#### Galvanised Corrugated Iron

sheets of standard Birmingham gauge only are used. They are fixed on a principle that admits of their being easily released without damage to the structure.

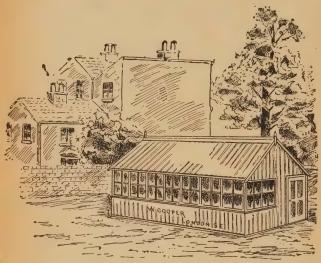
#### Iron Buildings

have been in use sufficiently long to put them to the test in every possible way, and from the continually increasing demand for them it may fairly be said that they justify a claim superior to any class of structure, for similar use, that existed prior to their introduction.

HORTICULTURAL PROVIDERS.

#### Workshop.

Span Roof.



No. 312.

Constructed of Galvanised Corrugated Iron Sheets upon strong Wooden Framework with floor. Complete, with Door, Glass, &c., and is made in sections and fitted ready for erection. Windows and Doors can be had in any position required. Carefully packed on rail.

		£ s. d.	1	£	8. 0	1.
8ft. by 6ft.		5 0 0	26ft. by 16ft.	 28	0	0
10ft. by 8ft.	****	7 10 <b>0</b>	30ft. by 18ft.	 31	0	0
14ft. by 10ft.		9 15 <b>0</b>	40ft. by 20ft.	 40	0	0
18ft. by 12ft.		15 0 0	50ft, by 24ft.	 66	0	0
22ft. by 14ft.		25 0 <b>0</b>	60ft, by 30ft,	 70	0	0

These prices do not include any Lining or Felt.

#### The County Council

demand that materials of a sufficient substance and strength be employed in all buildings. All our work is in accordance with the necessary requirements.

HORTICULTURAL PROVIDERS.

#### Portable Iron Stable, Coach-House, and Harness Room Combined.



No. 313.

Stable match-boarded, Harness-room floored and match-lined.

Very substantially constructed. Neat design. For Specifica-

tion, see pages 206 and 207.

Delivered to nearest Goods Station and erected on purchaser's foundation, or marked and bundled ready for re-erection and packed on Rail or Wharf at the following prices:—

Length. Width.				Erected	10	omple	te.	On Rail or Wharf.
8ft, by 6ft,				£10 1	10	0 1		£8 0 0
10ft. by 8ft.				12 1	LO	0		9 10 0
14ft. by 10ft.				20	0	0	• •	14 15 0
18ft. by 12ft.				30	0	0		×2 0 0
22ft. by 14ft.	• •				Õ	Ō		35 0 0
26ft, by 16ft.						ŏ	•••	40 0 0
30ft. by 18ft.						ŏ	•••	45 0 0
40ft, by 20ft.						ŏ		60 0 0
50ft. by 24ft.			• • • •			ŏ	* *	80 0 0
60ft. by 30ft.		•••		175	Õ	ŏ		110 0 0

Ground plans for foundations free.

#### **Brickwork**

is only necessary for foundations where buildings are erected within the Metropolitan district. Outside the boundary we generally employ stone template, placing them under the weight-carrying supports of the building on the level ground. Foundations are not included in our estimates.

HORTICULTURAL PROVIDERS.

# Cricket, Lawn Tennis, or Golf Pavilion, with Verandah.



No. 314.

This is a very neat and useful design. Can be divided to make Dressing Rooms, Refreshment Bar, Saloon, Lavatory. &c., to purchaser's requirements. For Specification, see pages 206 and 207.

Delivered to nearest Goods Station and erected complete on purchaser's foundation, or marked for re-erection and bundled and packed on Rail or Wharf at the following prices:—

Main Building. Length. Width.	the state of the s	Erected Complete.	Complete on Rail or Wharf.
8ft. by 6ft.		£11 10 0	£9 10 0
10ft. by 8ft.		13 5 0	10 10 0
	the section of the se	00 0 0	15 10 0
14ft. by 10ft.			23 0 0
18ft. by 12ft.			
22ft, by 14ft.	- 180 V M. M. Sel	.50 0 0	
26ft, by 16ft.		67 10 0	42 0 0
30ft. by 18ft.		72 0 0	47 10 0
		100 0 0	. 63 0 0
40ft. by 20ft.		132 0 0	84 0 0
50ft. by 24ft.	2.000		117 10 0
60ft. by 30ft.	Constitution of the constitution of	195 0 0	117 10 0

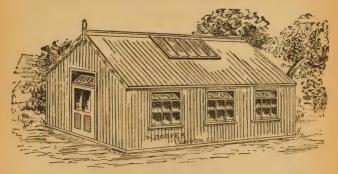
Above sizes are without Verandah.

#### **Exclusion of Draughts**

is effected by a liberal use of Felt in the walls and gables. We employ it in all buildings we erect. It has also the advantage of preserving an equable temperature.

HORTICULTURAL PROVIDERS.

#### Billiard Room.



No. 315.

Is very neat in design, is well ventilated, and well adapted for a variety of purposes. For Specification, see pages 206 and 207.

Delivered to nearest Goods Station, and erected complete on purchaser's foundation; or marked for re-erection, bundled and packed on Rail or Docks, at the following prices:—

Length. Width.	Er	ected C	omplete.		On	Rail	or	Wharf.
22ft. by 14ft.		£50 0	0			£35	0	0
26ft. by 16ft.	+4	67 10	0.	.,		45	Ó	0
30ft. by 18ft.		85 0	0			50		0 .
40ft. by 20ft.		100 0	0	17		62.1	0	0

Any size made at proportionate prices.

Windows and doors can be placed in any position, also can be divided to suit purchaser's wishes.

#### Ornamental Finish

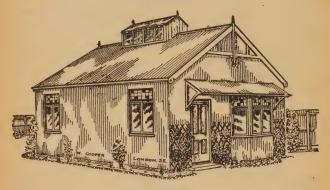
to gables and pinnacles is studied from the most approved Gothic designs.

#### Fittings and Glazings,

Locks, Bolts, Bars, Ventilating Gear, Gutters, and Down-pipes, and all Sundries are of the best make, and are carefully fixed. The Glass used in buildings quoted in this list is heavy 21oz.; but rolled Plate, or Cathedral, or other qualities may be had at prices accordingly.

HORTICULTURAL PROVIDERS.

# Billiard Room, Club House, or Studio.



No. 316.

This is a very pretty design; having a bay window gives it a handsome appearance. Size of building, 25ft. long, 19ft. wide. For full Specification, see pages 206 and 207.

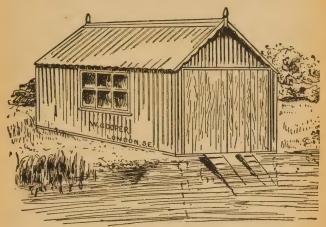
Delivered to nearest Goods Station, and erected complete on purchaser's foundation, £87 10s.; or marked for re-erection and bundled and packed on Rail or Wharf, £62 10s.

#### Buildings Suitable for all Climates.

Great care is necessary, not only in the construction, but in the selection of materials for all Buildings required for use in foreign countries. The experience we have had in this department, combined with assistance rendered to us by old residents abroad, has enabled us to turn out work which has met the full appreciation of those for whom we have contracted.

For tropical climes our buildings are constructed with a double roof, each end being covered with perforated zinc in order to admit a through current of air. This not only assists to cool the interior, but may be made to act as a thorough ventilator.

#### Boathouse, Workshop, &c.



No. 317.

This design has been supplied by us to many boat owners, and has answered their purpose in every way. It is constructed of Galvanised Corrugated Iron Sheets upon Wooden Framework, no Lining or Floor. Carefully marked for re-erection, and bundled and packed on Rail or Wharf at the following prices:—

10ft. by 8ft. 14ft. by 10ft.	**	••	£7 10 0	)	30ft. by 18ft. 40ft. by 20ft.	••		40	0	0	
18ft. by 12ft. 22ft. by 14ft.	••	• •	15 0 0 25 <b>0</b> 0		50ft. by 24ft. 60ft. by 30ft.	••	••	66 70	0	0	
26ft, by 16ft.			28 0 0	)	•						

Doors and windows can be placed in any position.

Estimates for erecting on purchaser's foundation on application.

#### On-Rail or Wharf Prices

include the Building Complete as above, ready for erection, carefully marked and packed on Rail or delivered to London Wharf, and a drawing to facilitate erection supplied with each Building.

HORTICULTURAL PROVIDERS.

#### Portable Loose Boxes.



No. 318.

These Boxes are a useful acquisition for stabling Hunters, &c. Can either be partitioned off or have loose boxes, according to purchaser's option. Complete with Partitions, Hay-rack, and Mangers. Made in Sections, marked for re-erection, and bundled ready for purchaser to erect. For full Specification, see pages 206 and 207.

#### Packed on Rail or Wharf.

1 Box,	10ft. 20ft. 30ft. 40ft.	by by by	10ft. 10ft. 10ft. 10ft.	* * * * * * * * * * * * * * * * * * *	***	£ 11 20 28 40	5 5 10	0	1	Box	, 10f 20f 30f 40f	t. l	ov 1	12ft. 12ft. 12ft. 12ft.	**	٠	14 27	10	0 0
				1 2 3 4	Box,	12ft. 24ft. 36ft. 48ft.	by by by	12ft. 12ft. 12ft. 12ft.	•		. 18	5 10	. d	n					

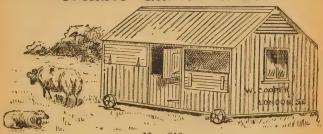
Ground Plans and Estimates for Erecting Free.

#### Superior to any Class of Structure.

Iron Buildings have been in use sufficiently long to put them to the test in every possible way, and from the continually increasing demand for them it may fairly be said that they justify a claim superior to any class of structure, for similar use, that existed prior to their introduction.

HORTICULTURAL PROVIDERS.

#### Portable Game Larder.



No. 319.

These Larders are invaluable to Sportsmen for storing game after killed; perfectly ventilated, and are necessary acquisitions for keeping game fresh. Complete on Wheels.

12ft. by 8ft. £15. Marked for re-erection, bundled, and packed on Rail or Wharf.

#### Refreshment Bar.



No. 320.

This is a very neat and useful Design, being constructed of Galvanised Corrugated Iron on strong Wooden Framework. The roof of the verandah is made to let down, and can be bolted inside, thus making it perfectly secure when left. No Floor or Lining included.

Made in Sections, marked for re-erection and bundled and

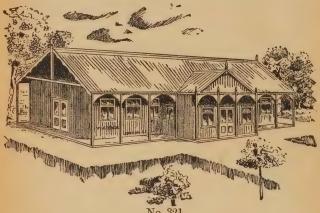
packed on Rail or Wharf.

10ft. by 8ft., £7 10s. 14ft. by 10ft., £11. 18ft. by 12ft., £16. 22ft. by 14ft., £22.

253

HORTICULTURAL PROVIDERS.

#### Ball Room, Drill, or Lecture Hall.



No. 321.

This is a very handsome design, and is suitable for a variety of purposes. For Specification, see pages 206 and 207.

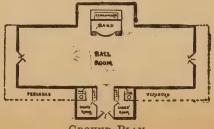
Main Building 60ft. by 35ft., with 5ft. Verandah Front and

Sides.

Delivered to nearest Goods Station and erected complete, £275; or marked for re-erection and bundled and packed on Rail or Wharf, £185. These prices do not include any Band Stand, Counter, or Lavatory Fittings.

Any size made at proportionate prices.

This building can be divided to suit customer's requirements. making a handsome dwelling.

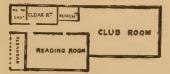


GROUND PLAN.

#### Club House or School Room.



No. 322.



GROUND PLAN.

This design is very neat in appearance, and contains Club Room, Reading Room, Refreshment Room, Cloak Room, and Lavatory. For Specification, see pages 206 and 207.

Delivered to nearest Goods Station and erected complete upon purchaser's foundation, or marked for re-erection, bundled and packed on Rail or Wharf. 48ft. by 21ft. Erected Complete, £200; on Rail or Wharf, £140.

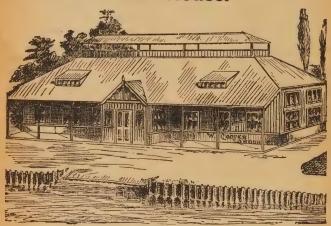
Position or number of rooms may be altered to suit purchaser's requirements.

#### Ornamental Finish

to gables and pinnacles is studied from the most approved Gothic designs.

255

#### Club House.



No. 323.

This handsome design is the result of careful consideration. It contains two Lavatories, Steward's Rooms, Billiard Room, Reading Room, Hall, and has a Stand on Roof. But the inside can be fitted or divided to suit any requirements. Plan on application. For Specification, see pages 206 and 207.

Delivered to nearest Goods Station and erected complete, or

Delivered to nearest Goods Station and erected complete, or marked for re-erection, and bundled and packed on Rail or Wharf. 50ft. by 28ft. Erected Complete, £325; on Rail or Wharf, £210.

Ground plan free on application.

#### Floor Boards

are supplied of thoroughly seasoned deal of 3in. and lin. thicknesses:

#### Lining

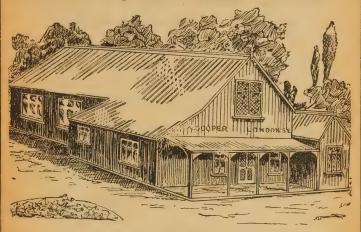
is of thoroughly seasoned and selected matchboards of in. and in., tongued and grooved.

#### Ventilation

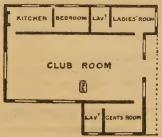
is studied in every building, our principle being to thoroughly effect it without causing draught.

HORTICULTURAL PROVIDERS.

#### Club House.



No. 324.



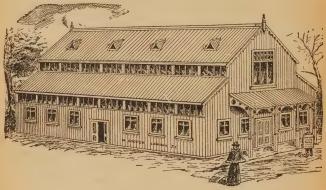
GROUND PLAN.

This neat design contains two Lavatories, Gentlemen's Room, Ladies' Room, Bed Room, Kitchen, and Club Room. For Specifications, see pages 206 and 207.

Delivered to nearest Goods Station and erected complete upon purchaser's foundation; or marked for re-erection and bundled and packed on Rail or Wharf.

40ft. by 36ft. Erected complete, £225; on rail, £160.

# Concert, Drill Hall, Ball Room, or Entertainment Hall.



No. 325.

Handsome Design, light and well ventilated. Upper portion of windows made to open, and every part substantially constructed from good sound materials only. For full Specification, see pages 206 and 207.

Delivered to nearest Goods Station, and erected complete on purchaser's foundation. 100ft. long by 60ft. wide, £650; or marked for erection, and bundled and packed on Rail or Wharf, £400.

Plans free. Any size made at proportionate prices.

#### **Exclusion of Draughts**

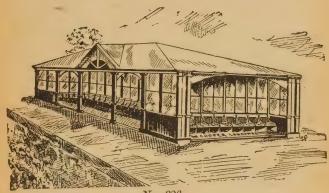
is effected by a liberal use of Felt in the walls and gables. We employ it in all buildings we erect. It has also the advantage of preserving an equable temperature.

#### Ventilation

is studied in every building, our principle being to thoroughly effect it without causing draught.

HORTICULTURAL PROVIDERS.

#### Promenade Shelter.



No. 326.

This new and handsome design seems to have met with great favour, as several have already been erected. It is constructed with Galvanised Corrugated Iron Roof upon Wooden Framework. The inside being Match-lined, Stained, and Varnished, and very strongly floored.

Delivered to nearest Goods Station, and erected complete upon purchaser's foundation, 30ft. by 16ft., £120; or marked and bundled ready for re-erection and packed on Rail or Wharf, £80

#### Frame-Work

is of the following substances: Sleepers and joists, 4in. by 2in.; principal rafters, 5in. by 2in., 6in. by 2in., 7in. by 2in., 3in. by 6in., 2½in. by 7in., 3in. by 8in., and 3in. by 9in., according to width of house; framework, 3in. by 2in., 4in. by 2in., and 3in. by 4in.; purlins, 4in. by 2in. It is made in sections to facilitate both fixing and removal, which can be easily accomplished at any time at a minimum cost of labour.

#### Floor Boards

are supplied of thoroughly seasoned deal of \$\frac{1}{2}\text{in.} and lin. thicknesses.

#### Lining

is of thoroughly seasoned and selected matchboards of 1 in. and 1 in., tongued and grooved.

HORTICULTURAL PROVIDERS.

#### Cattle Shed, Store, or Barn.



No. 327.

This design is made to suit the requirements of Farmers, Agriculturists, &c. Also makes an ideal place for storing and warehousing goods. Constructed of galvanised corrugated iron sheets, upon very strongly made wooden framework.

Delivered to nearest Goods Station, and erected complete upon purchaser's foundation, or marked for re-erection and bundled and packed on Rail or Wharf.

50ft. by 30ft.,	Erected Com	plete, £115;	on Rail or	Wharf, £80.
60ft. by 35ft.,	29.	£155;	,,	£100,
100ft. by 40ft.,	per contra Att	£280;	garage	₹180.

These prices do not include any Floor or Lining.

#### Our Buildings are all made in sections

and tested as a whole, before leaving our Works. Each part is numbered and lettered to correspond with a diagram which accompanies the Building, so that reference is made easy, and the putting together of the sections is a matter of common intelligence, no technical skill being required.

HORTICULTURAL PROVIDERS.

#### Range of Sheds.



No. 328.

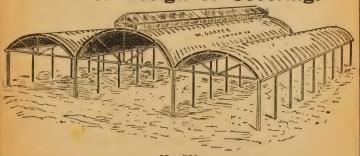
Specially adapted for Agriculturists, &c. Is very useful for stacking straw, grain, or hay. Centre house can be used as a Cattle Shed. Is constructed of galvanised corrugated iron, upon very strongly made wooden framework.

Delivered to nearest Goods Station, and erected complete upon purchaser's foundation, or marked for re-erection and bundled and packed on Rail or Wharf.

60ft. by 35ft., Erected Complete, £166; on Rail or Wharf, £110. 100ft. by 50ft., , , , £225.

These prices do not include any floor or lining.

#### Another Design of Covering.

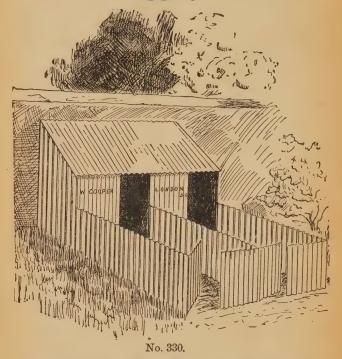


No. 329.

Constructed of Galvanised Corrugated Iron, with Lantern Top on Centre Span. Estimates on application.

HORTICULTURAL PROVIDERS.

# Galvanised Corrugated Iron Piggery.



With Timber Uprights. Cheap, Durable, and Portable.

4ft. wide, 8ft. long, including 5ft. Run each, £4 10s. the two,
as illustrated, packed on Rail or Wharf.

#### **On-Rail or Wharf Prices**

include the Building Complete as above, ready for erection, carefully marked and packed on Rail or delivered to London Wharf, and a drawing to facilitate erection supplied with each Building.

HORTICULTURAL PROVIDERS.

#### Club House or Bungalow.



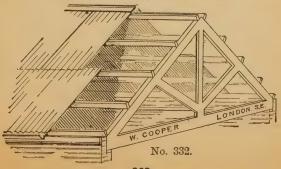
This artistic building is suitable for either bungalow or club house, and if raised as shown in illustration gives a particularly striking effect. The main building is 40ft. long by 20ft. wide, and a verandah 4ft. wide runs the entire length of front. There are five rooms on ground floor with usual offices, and one large room over, 20ft. by 10ft.

Delivered to nearest Goods Station and erected complete on purchaser's foundation, £300; or marked for re-erection and bundled and packed on Rail or Wharf, £225.

The inside can be divided to form larger or smaller rooms as required. Any size made at proportionate prices.

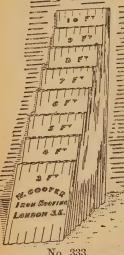
#### Illustration,

showing the principle of fixing our Galvanised Corrugated
Iron on to Timber-framed roof.



HORTICULTURAL PROVIDERS.

#### Corrugated Galvanised Sheets.



Large Quantities of every Size kept in Stock, from 3ft. to 10ft. long.

Curved Sheets to order.

		8.	d.
3ft. long, 2ft. 3in. wide .		0 1	L0½
4ft. " 2ft. 3in. " .	•••	1	2
**		1	5
6ft. " 2ft. 3in. " .		1	9
	•••	2	0
8ft. " 2ft. 3in. " .		2	4
9ft. 3in. "		2	9
10ft. " · 2ft. 3in. " .		3	2

Sheets cut to any length or shaps.

No. 333.

#### Galvanized Ridging.

In 6ft. lengths, 3d. per ft.







#### Corrugated Roofing Fittings.

Galvanized Cone-head Nails, 2s. 3d. per gross. Smaller Quantities, 3d. per doz.

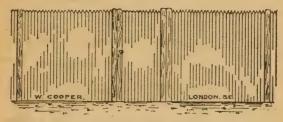
Galvanized Washers, 1s. 3d. per gross.

Roofing Felt.

Specially made for Iron Buildings. Patent Asphaltic Rolls, 25yd. long by 32in. wide, 5s. per roll.

Nails for fixing, per box containing 100, 6d.; 250, 1s.

#### Corrugated Iron Fence.



No. 336.

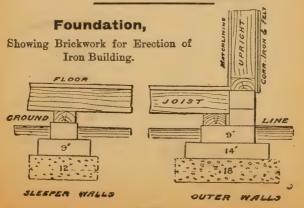
Made in 6ft. lengths ready for fixing. Posts 6ft. apart, 4 by 3, cut at end and tarred for fixing, 1ft. 6in. in ground. Aris Rails, 3in. Complete with Bolts to bolt together.

3ft. high above ground, 9s.; gates and fittings, 3ft. wide, 6s.

4ft.	22	"	12s.;	1.4	99		99	8s.
5ft.	1,	39	15s.;		,,	99	29	10s.
6ft.	"	39	18s.;		***	99	10	12s.

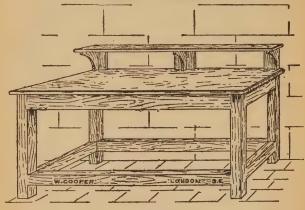
All Woodwork painted with our Patent Rot-Proof Composition.

N.B.—This Fence is unclimbable, durable, and is very largely used in all parts of the Kingdom.



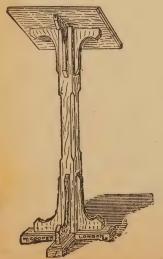
HORTICULTURAL PROVIDERS.

#### Altar Table.



No. 337.

Deal, Stained and Varnished, 6ft. by 2ft. 6in. by 3ft., £3 10s. Pitch Pine... ... £4 5s.



#### Lectern.

No. 338.

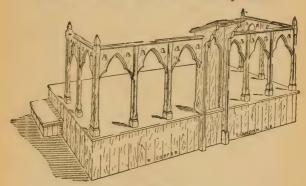
4ft. high.

Deal, Stained and Varnished, £1 12s. 6d.

Pitch Pine, £1 16s.

HORTICULTURAL PROVIDERS.

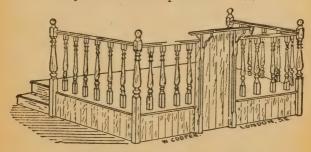
#### Rostrums, Platforms, &c.



No. 339.

Size 8ft. long by 5ft. wide, raised 1ft. 3in. off the floor, with Steps up both sides and Book Board in centre, with Rail round.

Deal, Stained and Varnished ... £7 10s. Pitch Pine ... ... £9 10s, Any Size made at Proportionate Prices.



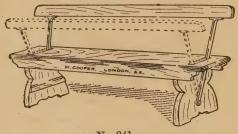
No. 340.

Size 8ft. long by 5ft. wide, raised 1ft. 3in. off the floor, with Steps up and Book Board, with Rail round.

Deal, Stained and Varnished ... ... £5 10s.
Pitch Pine ... ... ... ... £7 5s.

Any Size made at Proportionate Prices.

# Reversible Seat,



No. 341.

Deal, Stained and Varnished ... 1s. 9d. per foot run.
Pitch Pine... ... 2s. 3d. ,,
With Hat Shelf under, 4d. per foot extra.

Made to any length.

# Designs for Chapel and Mission Hall Chairs.



No. 342.

Rush Bottom.

PRICE 28s. per doz.

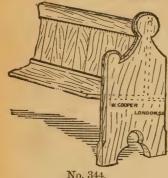


Perforated Wood Bottom, Stained and Varnished. PRICE 28s. per doz.

208

HORTICULTURAL PROVIDERS.

#### Nave Seats.



7ft. 6in. long, to seat five persons, Pitch Pine, £1 13s.

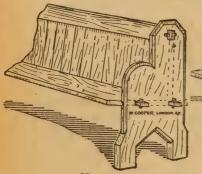
Stained and varnished.



No. 345.

7ft. 6in long, to seat five persons, Pitch Pine, £1 7s. 6d.

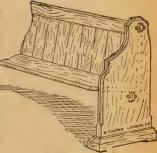
Stained and varnished.



No. 346.

7ft. 6in. long, to seat five persons, Pitch Pine, £1 13s.

Stained and varnished.



No. 347.

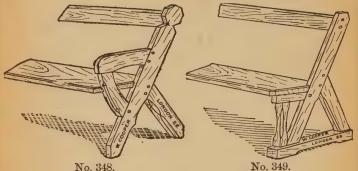
7ft. 6in. long, to seat five persons, Pitch Pine, £1 13s.

Stained and varnished.

Book Rests can be fixed to either of above at 3s. per Seat extra. Estimates free for other sizes.

HORTICULTURAL PROVIDERS.

#### Mission Seats.



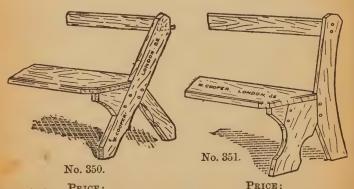
PRICE:

7ft. 6in. long ... ... ... 21s. Seat five persons.

PRICE:

7ft. 6in. long ... Seat five persons.

Pitch Pine, Stained and Varnished.



PRICE:

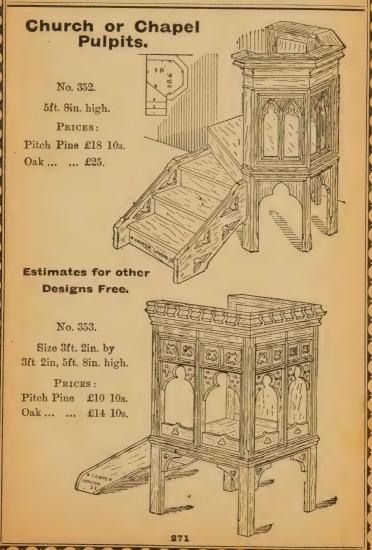
7ft. 6in. long Seat five persons.

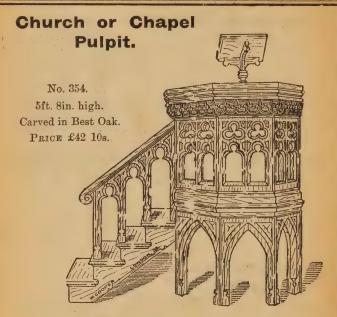
... ... 17s. 6d. 7ft. 6in. ... ... 17s. 6d. Seat five persons.

Pitch Pine, Stained and Varnished.

Book Rests can be fixed to either of above at 2s. 6d. per Seat extra.

HORTICULTURAL PROVIDERS.





#### Mission Pulpit.



No. 355.

Size 3ft 2in. by 3ft. 2in. outside, 5ft. 8in. high.

Stained and Varnished.

PRICES:

Deal ... ... £6 10s.

Pitch Pine ... £7 10s.

HORTICULTURAL PROVIDERS.

#### Lecterns.



No. 356. 4ft. high.

		£	s.	đ.	
Deal		2	0	0	
Pitch Pine	***	2	5	0	
Oak	***	3	0	0	



No. 357.

	4ft.	8in.	hig	h.			
				£	8.	d.	
Deal	***		***	7	5	0	
Pitch	Pine			8	.5	0	
Oak				10	10	0	



#### Prayer Desk.

30in. high. Size of top, 20in. by 11in.

Deal,	staine	d and	varni	shed	£	s. 4	ð. 0
Pitch	Pine				1	12	6
Oak	•••	•••			2	5	0

No. 358.

HORTICULTURAL PROVIDERS.

#### Glastonbury Chair.

No. 359,

Stained and Varnished.

PRICES.

Deal ... ... £1 2s. 6d. Pitch Pine... ... £1 7s. 6d.



#### Alms Box.



No. 360.

10in. high, 7in. wide, 7in. deep.

Pitch Pine ...

Collecting Box.

No. 361.

Stained and Varnished.

Pitch Pine ...

7 0

#### Imperial Black Varnish.

10



For Iron Fences, Wood Palings, Farm Buildings, Poultry Houses, &c.

18 gal. casks, 20s.; 36 gal. casks, 34s.; Casks included. Carefully packed on rail. Casks not returnable.

1 gal. 1s. 6d. (can 6d.); 5 gal. 5s. (can 2s.).

HORTICULTURAL PROVIDERS.

#### HEATING STOVES.

Suitable for Wood or Iron Buildings.

The King Stove.



No. 362.

The King Stove is suitable for office, shop, or portable building. It has, when the ornamental top is removed, accommodation for two pots.

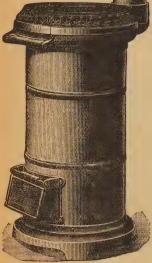
#### PRICES:

No. 1. 24in. high, 17in. wide, 12in. deep ... 15/6 , 2. 25in. , 18in. , 13in. , ... 22/6

Smoke Pipe and Fixing extra.

HORTICULTURAL PROVIDERS.

#### Slow Combustion Stove.



With Smoke Nozzle either on top or back.
Suitable for heating offices, dwellings,
churches, chapels, or any description of
wood and iron buildings.

No. 0. 16in. by 8in. ... ... 11/9

" 1. 20in. " 9in. ... ... 13/6

" 2. 25in. " 10in. ... ... 17/9

" 3. 30in. " 12in. ... ... 22/6

" 4. 32in. " 14in. ... ... 33/-

#### CAST TRAYS.

No. 0 -	1	2
3/6	3/9	4/3
3	4	
4/6	5/9	

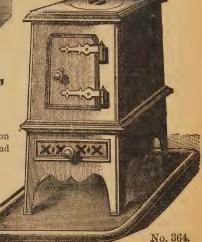


#### Dumpy, Shop, Office, or Cabin Stove.

With Smoke Nozzle either on top or back. Ash Drawer and Tray.

No. 0 1 2 **6/6 8/- 10/6 3** 4 5 **14/- 16/- 20/-**

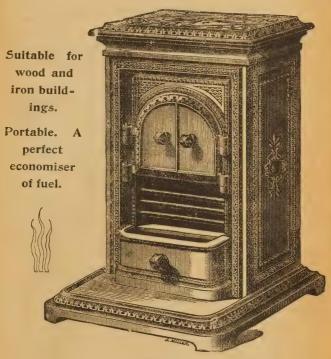
> Brick Linings, 2/- per set extra.



Smoke Pipe and Fixing extra.

HORTICULTURAL PROVIDERS.

#### Coronation Stove.



No. 365.

#### PRICES:

	1	Height.	Siz	e of	Body.	Size	of '	Tray.				
No.	1.	25in.	 13½in.	by	$10\frac{1}{2}$ in.	 20in.	by	18in.	 £1	12	6	
			17in.							5		
			20in							127	0	

Smoke Pipe and Fixing extra.

HORTICULTURAL PROVIDERS.

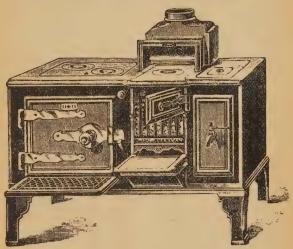
# The World-famed "Cooper" Range.

The "New Portable" Range.

SUITABLE FOR WOOD OR IRON BUILDINGS.

This range is fitted with large Oven, well-ventilated, bright Latch and Bands, Open and Close Fire, Fall Bar, Ash Pan's Rake, and Lifter complete.

> Will Boil, Bake, Roast, or Stew. No Brick Setting required.



No. 366.

#### PRICES.

Smoke Pipe, 9d. per foot extra.

### WILLIAM COOPER, Limited,

Thorticultural Providers, 751, OLD KENT ROAD, LONDON, S.E.

# Section VI.



# Illustrated Catalogue

OF

# Dog Kennels,

KENNELS WITH RUNS, PUPPY KENNELS,
PENT=ROOF KENNELS,

STAKES FOR DOG CHAINS,

RANGES OF KENNELS AND RUNS, DOUBLE KENNELS,

&c., &c., &c.

HORTICULTURAL PROVIDERS.

#### Portable Dog Kennel.

(With Platform.)



No. 367.

This Kennel is soundly made of red deal, thoroughly seasoned. It has a large door at the side to facilitate attention to sanitary operations, so essential to the well-being of dogs; an open platform is supplied, affording a stand for the dog outside the Kennel free from wet. Oil-painted outside, or stained and varnished.

Packed on Rail at the following Prices :-

The state of the s			
No. 10 to 10	£	s.	d.
1.—Suitable for Terriers, 2ft. long, 1ft. 6in. wide, 2ft.		t	
high	0	10	6
2.—Suitable for Large Terriers, &c., 2ft. 3in. long, 2ft.			
wide, 2ft. 6in. high	0	12	6
3.—Suitable for Collies. Retrievers, and Spaniels,	ŭ		•
3ft. 6in. long, 2ft. 3in. wide, 3ft. high	0	15	0
4.—Suitable for St. Bernards, Mastiffs, and New-		10	•
foundlands, 4ft. 6in. long, 2ft. 6in. wide, 4ft.			
high	1	5	0
		_	

<sup>&</sup>quot;Dear Sir.—Kennel to hand all right yesterday, and I wish to say that I am very pleased with same. I like it far better than one I had from another firm about a month ago, and paid 5s. more than I paid you, and both Kennels are the same size (for collie dogs). You were also very quick indeed in delivering (day after order was given), whereas the other firm I refer to kept me waiting nearly a month, so you can guess who will have any future orders from me, and that will be you, and shall be only too pleased to put anything in your way which I can. Such business-like treatment deserves every encouragement.

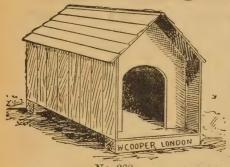
Such business-like treatment deserves every encouragement.

"You can make what use you like of this, and, in addition, can refer anyone to me, and I'll show them the two kennels, and a blind man could see which was the best. With best wishes.—Yours faithfully,

T. H. UPTON."

HORTICULTURAL PROVIDERS.

#### Improved Dog Kennel.



No. 368.

these Kennels has created a great demand for them. The best boards only, grooved and tongued, are employed in construction, and they are rendered thoroughly rainproof. Painted one coat, or stained and varnished, as may be desired.

£4 10s.

The superiority in manufacture of

Made in Three Sizes.

Suitable for Terriers, 10s. 6d. No. 1.

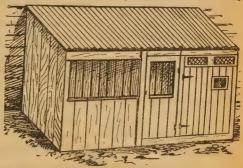
No. 2. Collies, Retrievers, and Spaniels, 15s. No. 3.

St. Bernards, Mastiffs, and Newfoundlands. £1 5s.

These Kennels are comfortable, having the gables extended in the front.

#### Lean-to Kennel with Covered Run.

Constructed of good, sound, tongued and grooved matching, weatherboard roof: iron rods in front. as shown; all outside woodwork painted one coat: in sections in readiness for erection.



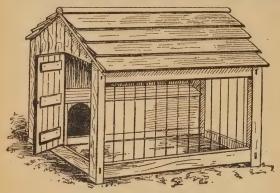
No. 369.

Size, 10ft. long, 4ft. 6in. wide, 7ft. high at back, 5ft. high to eaves.

PRICE Wood Back, 20s. extra.

HORTICULTURAL PROVIDERS.

# Three-Quarter Span-Roof Portable Kennel and Run.



No. 370.

The above Kennel and Run is suitable for Collies, Retrievers, Terriers, and small dogs, and is well adapted for breeding purposes, and also for a Puppy House; the sleeping compartment is constructed at the back, the top of which forms a day bench; the front is made to lift up for cleaning purposes; both ends are constructed of iron rods 2½in. apart; roof of weather-boards, boarded back, thus doing away with the need of wall or fence. All woodwork painted one coat outside and limewashed inside, and the whole in sections to bolt together and securely packed on rail at the following respective prices:—

No.	Terriers,	3ft. w	ide. 5ft.	deen 4f	t 6in	high	£	g.	d.
	ridge Collies,						2	0	0
6f	t. 6in. deep	p, 5ft. 6	in. high	at ridge	эш. 	wide,	2	15	0

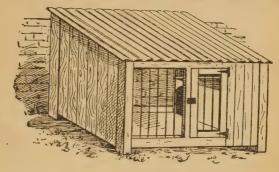
Wood Batten Floor for Runs, 4s. and 5s. extra respectively.

<sup>&</sup>quot;Miss M. Seager begs to acknowledge receipt of Kennel, with which she is much pleased."

<sup>23,</sup> Elm's End Road.
"Have received Kennel in first-class condition, and am very pleased with it.
"Thanks for promptness in sending."

HORTICULTURAL PROVIDERS.

#### Portable Lean-to Kennel and Run,



No. 371.

The accompanying illustration shows a Lean-to Kennel and Covered Run for fixing against a wall or fence, and is constructed in sections to be bolted together; strong framework, boarded with tongued and grooved boards, the end of run also being boarded, thus protecting the run and kennel from draughts; the sleeping compartment is made at one end, the top of which forms a day bench; the front is hung on hinges, by which means the inside can be thoroughly cleaned; the front of run is constructed of iron rods,  $2\frac{1}{2}$ in. apart, and complete with door; the roof is covered with feather-edge boards; outside woodwork painted one coat. All in perfect readiness for erection, and securely packed on rail, at the following respective prices:

E				
No. 1.—Suitable for Terriers, &c., 6ft. 6in. long,		£ s.	d.	
3ft. wide, 4ft. high at back	2	10	0	
No. 2.—Suitable for Collies, Retrievers, &c., 9ft. long, 3ft. 9in. wide, 5ft. high at back	0	10	0	
No. 3.—Suitable for St. Bernards, &c., 11ft. 6in.				
long, 4ft. 9in. wide, 5ft. 6in. high at back	4	10	0	

If the back is boarded, making them independent of wall or fence, 10s., 12s., or 20s. extra. Wood batten floors for runs, 6s., 9s., and 12s. extra.

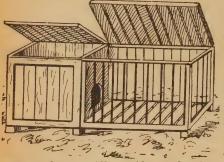
#### WIRE.

Kemp Town, Brighton.-W. COOPER, 753, Old Kent Road.

"Kennels arrived safe, and give great satisfaction. ALDERNEY SMITH."

HORTICULTURAL PROVIDERS.

#### Puppy Kennel and Run.



No. 372.

This Kennel is constructed of good, sound, tongued and grooved matching, weather-boarded to lift up. The Run is formed of iron rods in sides and end; with gate in end, the top of Run being of wire-netting and hinged, to the state of the st

open, as shown. All outside woodwork painted one coat, and inside Limewashed; the whole complete with floor.

Size, 6ft. by 2ft. 6in.

PRICE ... £1 10s.

#### Dog Kennel with Covered Run.



No. 373.

This is a neat design, and is constructed of good, sound, tongued and grooved matching; roof of weather boards. The Run is of iron rods in upper part of sides and in end, which is fitted with gate; the whole complete, with floor,

in sections in readiness for erection, at the following prices:

No.		£	S.	d.
1. 6ft. by 3ft. by 5ft. 6in., suitable for Terriers		3	0	0
2. 7ft. by 4ft. by 6ft., suitable for Collies, &c		3	10	0
3. 10ft. by 5ft. by 7ft., suitable for Mastiffs, &c.	***	5	5	0

HORTICULTURAL PROVIDERS.

#### Puppy Kennel,



No. 374.

This portable Puppy Kennel will be found indispensable to Breeders. It can be moved as often as necessary to maintain cleanliness, and it provides accommodation in any case of emergency. It is strongly made and fitted.

6ft. long, 2ft. 6in. wide, 2ft. 6in. high.

PRICE ... ... £1 7s. 6d.

Larger sizes made to order.

#### Puppy or Cat Kennel.



No. 375.

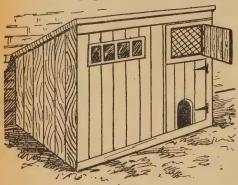
The above is a very neat design, and is suitable for indoor use, and is constructed of good, sound, tongued and grooved boards. The Kennel is fitted with zinc pan at bottom, and the top of both Kennel and Run is hinged to lift up; the Run is constructed of iron rods. The whole complete with floor; all outside woodwork stained and varnished.

Size, 5ft. by 2ft. by 2ft. 6in.

Price ... ... £2.

HORTICULTURAL PROVIDERS.

#### Pent-Roof Kennel.



Constructed of good, sound, tongued, grooved, and beaded matching; weather-board roof; complete with floor, and fitted with bench; outside painted, or stained and varnished.

#### No. 376.

				PRICES:			S: .
N	0.	Size.		`	£	s.	d.
1.	3ft.	by 2ft.	6in.	 	2	0	0
2.	4ft.	by 3ft.	\	 	.2	10	0 -
		by 4ft.					. 0

Suitable for Terriers.

" Collies, &c. " St. Bernards, &c.

#### Portable Lean-to Dog Kennel.



This Lean-to House and Kennel is made of the best materials. being strong, yet light in appearance. Kennel, which is 2ft. 6in. high, is made with movable top, so that its height may easily be increased, if wanted, for a very large Dog. The house is 4ft. wide, and 3ft. 6in. back to front: the run is 6ft. long. 3ft. 6in. deep, and

fitted with gate. It is roofed with corrugated galvanised iron, but open iron bars can be had if desired over Run.

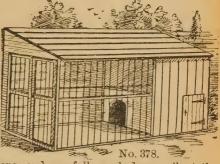
PRICE ... ... ... £5.

Corrugated galvanised iron, 2ft. wide, round bottom of Run or Yard, 7s. 6d. extra.

HORTICULTURAL PROVIDERS.

#### Dog Kennel with Covered Run.

This is a well-built substantial Kennel and Run, the roof to both Kennel and Run being covered with weather-boarding. The Kennel is provided with daybench over sleeping compartment. All outside painted one coat. structed of iron rods, \$ and has gate at end.



Constructed in sections, and carefully packed on rail at the

following respective prices:

Size 1. For Terriers ... ... ... £5. Kennel, 3ft. long, 3ft. 6in. wide, 4ft. high; Run, 5ft. long, 3ft. 6in. wide.

Size 2. For Retrievers and Spaniels ... ... £6 5s. Kennel, 3ft. 6in. long, 4ft. wide, 5ft. high; Run, 6ft. long, 4ft. wide. If wood spline floor for runs—Size 1, 15s. extra; size 2, £1 extra.

#### Dog Kennel and Run.



A good, strong Kennel and Run, constructed of good, sound, tongued and grooved matching, weather-board roof; front of Run formed of iron rods; the whole complete with floor, all outside woodwork painted one coat, in sections in readiness for erection, at the following prices:

No.					£	S.	d.
1. 6ft. by 3ft.,	suitable	for	Terriers	 	 2	10	0
2. 7ft. by 4ft.,			Collies, &c.	 	 3	0	0
3. 10ft. by 5ft.	••	100	Mastiffs, &c.	 	 5	0	0

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HORTICULTURAL PROVIDERS.

#### Dog Kennel with Covered Run.



This is a strongly-built Kennel; sides and back are constructed of good, sound, tongued and grooved matching; roof of both Kennel and Run of weather-boarding. The Kennel is supplied with day-bench over sleeping compartment. All outside woodwork painted one coat. The Run is constructed of iron rods, and is complete with gate at end. The whole in sections in readiness for erection, and carefully packed on rail at the following respective prices:—

	KENNE	L.		RUN.	
	Width.	Length.	Height.	Width. Length.	
No.	ft. in.	ft. in.	ft.	ft. in. ft.	£ s. d.
1	2 6	2 6	3	2 6 4	. 3 15 0
2	3 0	3 0	A 4	3 0 5	. 4 10 0
3	4 0	3 0	5	4 0 6	. 5 5 0
				5 0 6	

Stakes for Dog Chains.

No. 381.

For driving into the ground, fitted with iron ring to fasten chain to.

PRICE 2s. each.



HORTICULTURAL PROVIDERS.

#### Range of Three Puppy Kennels.

Substantially constructed of good, sound, tongued and grooved matching, roof of weatherboards; upper part of front fitted with hinged flap to let down, as shown, with iron bars behind, the entirelength of front



to open; raised platform in front of the Houses; complete with floor. All woodwork painted one coat.

#### PRICES:

6ft. by 2ft. ... £2 5s. 0d. | 8ft. by 3ft. ... £3 5s. 0d.

### Strong Dog Kennel and Run.

These Kennels are strongly constructed of good sound timbers; sides and ends of tongued and grooved matching; roof of weatherboards, and complete with wood floor; painted three coats of good oil colour outside.



The Run is constructed of iron bars, which are curved inwards at top, thus preventing the dog from jumping over, and is complete with a gate in the end.

#### PRICES:

No. 1.	Suitable Kennel	for Terriers	1 1 · · · ·	Run.	•••	£5
Length.	Width.	Height to Eaves.	Length.	Width.		ight aves.
4ft.	4ft.	4ft.	4ft.	4ft.		ft.

No. 2. Suitable for Retrievers and Collies ... £6.

	KENNEL.				
Length.	Width.	Height to Eaves.	Length.	Width.	Height to Eaves.
5ft.	5ft.	5ft.	5ft.	5ft.	5ft.

HORTICULTURAL PROVIDERS.

### Lean-to Kennel with Open Run.



No. 384.

A well-built Kennel, constructed of good, sound, tongued and grooved matching, roof of weather-boards, doors in front; fitted inside with storage; the Run is formed of iron rods, and is fitted with gate; wooden platform outside dog's entrance to House, as shown. All outside woodwork painted one coat, and complete in sections in readiness for erection. Size of Kennel. 3ft. wide, 4ft. deep. Run, 5ft. wide, 4ft. deep.

£4 15s. Prices for other sizes on application. PRICE

#### Lean-to Dog Kennel and Covered Run.



good, sound, tongued and grooved lin. matching; roof of both Kennel and Run of weather - boards: the Kennel is complete with bench: the Run is formed of iron rods, fitted with gate; all outside woodwork

No. 385. painted one coat; complete in sections in readiness for erection, securely packed on rail. Size of Kennel and Run, 12ft. by 5ft., 6ft. 6in. high at back, 5ft. high in front.

£6 15s. PRICE

PROVIDERS. HORTICULTURAL

#### **Curved Roof Kennel with Open** Run.



constructed of good. sound matchboards. The front of sleeping compartment is made to open for cleansing purposes; the top of this comforms partment day-bench; roof is covered with curved galvanised corrugated iron sheets; the Run is complete with gate; all outside woodwork painted one coat. Securely packed on

This Kennel is

No.	Prices:	£	N.	d.
1.	For Terriers, Collies, and Retrievers,			
	10ft. by 4ft., 5ft. high to eaves	5	10	0
2.	For Mastiffs, St. Bernards, &c., 12ft. by			
	5ft 6ft high to eaves	7	10	0

#### Dog Kennel and Run.



No. 387.

This neat design is constructed of good, sound timbers. Sides and ends are covered with tongued, grooved. beaded matchboarding; roof weatherboards. Complete with day-

bench and floor. Outside woodwork stained and varnished. Complete with Run as Illustration. Securely packed on rail. Kennel, 5ft. long, 4ft. wide, 6ft. high. Run, 6ft. long, 4ft. wide.

PRICE

HORTICULTURAL PROVIDERS.

### Dog Kennel with Covered Run.

Constructed of good sound tongued and grooved matching; upper part of sides, and also end of Run. of iron rods: fitted with gate; the whole complete with floor. All outside woodwork painted one good coat. Despatched in sections, in perfect readiness for erection, at the following sizes and prices:



No.			S.	
1.	6ft. by 3ft. by 5ft. 6in., suitable for Terriers	3	0	0
2	7ft. by 4ft. by 6ft., suitable for Collies, &c	3	10	0
9	10ft by Eft by 7ft quitable for Mastiffs &c	5	10	0



#### Lean-to Kennel with Covered Run.

This Kennel and Bun is similar in construction to No. 378.

Size.	KENNE	L.	Height	Run.	
	Width.	Depth.	to Eaves.	Long.	Price.
No.	ft. in.	ft. in.	ft. in.		£ s. d.
1	2 0	2 6	. 2 6	4	4 30 0
2	2 6	3 0	. 3 0	5	6 0 0

Nos. 1 and 2 are suitable for Terriers and small dogs, and No. 3 for Collies, Retrievers, &c.

Wood batten floor to Run extra, as follows: No. 1, 5s.; No. 2, 7s. 6d.; No. 3, 10s.

HORTICULTURAL PROVIDERS.

#### Kennel and Covered Run.

This Kennel is suitable for Mastiffs, St. Bernards, and other large dogs. Complete with day - benchover sleeping compartment, and floor; all outside woodwork painted one coat.



No. 390.

The Run is constructed of iron rods, with gate in end. Securely packed on rail.

Size of Kennel, 4ft. long, 5ft. from back to front, 5ft. high to

eaves; Run, 6ft. long and 5ft. wide

PRICE ... ... ... £7 10s.

Reversible Feeding Trough, 7s. 6d. extra. If with wood spline floor to Run, 25s. extra.

# Double Lean-to Kennel with Covered Runs.

This useful design of Kennel is constructed good, sound, tongued and grooved matching; roof of weather. boards, and is fitted complete with storage, day - benches, and floor. The Runs are con-

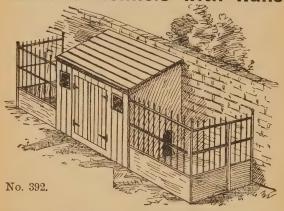


No. 391.

structed of iron rods, with gate in each; all outside woodwork painted one coat. Constructed in sections in perfect readiness for erection.

PRICE ... ... ... £12
Size of Kennels, each 3ft. wide, 5ft. deep, 7ft. high at back.
Storage 2ft. 6in. wide, 5ft. deep, 5ft. 6in. high to eaves. Runs, each 4ft. wide and 5ft. deep.

Lean-to Kennels with Runs.



This illustration shows a double House for placing against a wall, and will be found convenient and compact where more

than one dog is kept.

The Kennels are constructed of good sound timbers, front and ends being covered with tongued and grooved matchboarding, roof of weather-boards. The Kennels are complete with door, day-bench, and floor; all woodwork painted one coat outside. The Runs are constructed of iron rods with gate in ends, the lower part being covered with galvanised corrugated iron sheets, thus affording protection against draughts. The whole in sections in readiness for erection, and securely packed on rail. Size of each Kennel is 3ft. long, 5ft. from back to front 6ft. high to eaves; each Run is 6ft. long and 5ft. wide.

PRICE (complete) ... £10 10s.

### Imperial Black Varnish.



For Iron Fences, Wood Palings, Farm Buildings, Poultry Houses, &c.

18 gal. casks, 20s.; 36 gal. casks, 34s.; Casks included. Carefully packed on rail. Casks not returnable.

1 gal. 1s. 6d. (can 6d.); 5 gal. 5s. (can 2s.).

HORTICULTURAL PROVIDERS.

# Double Lean-to Kennel with Runs.



Well and substantially constructed of good, sound, tongued and grooved lin. matchboards, with a passage at the back of Kennels; roof of weather-boards, with ventilators in same over passage-way. The Runs are formed of iron rods, and each Run is fitted complete with gate and reversible trough; all woodwork painted outside two coats. Complete in sections, in readiness for erection, and securely packed on rail.

Size of the two Kennels, 10ft. by 5ft.; each Run 6ft. long.

PRICE ... ... £18.

#### Double Lean-to Kennel and Runs.



Well and substantially constructed of good sound tongued and grooved lin. matchboards; roof to Kennels and Runs of weather-boards.

The runs are formed of iron rods, and are each complete with gate; reversible trough to each

Kennel and Run; all outside woodwork painted one coat. In sections, in readiness for erection, and securely packed on rail. Each house, 5ft. by 4ft., 7ft. high at back, 5ft. high in front. Run 5ft. by 5ft.

PRICE ... £12 10s.

### WILLIAM GOOPER, Ltd, 751, Old Kent Rd, London, S.E. HORTICULTURAL PROVIDERS.

#### Lean-to Range of Three Kennels and Runs.



This illustration shows a Range of Three Kennels and Runs, with a passage at the back from which each Kennel is entered, and attention tary requirements thereby facilitat-

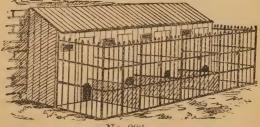
good, sound, tongued and grooved matchboards; roofs are formed of galvanised corrugated iron sheets. The Runs are constructed of iron rods, and are complete with gate and reversible trough for each; all outside woodwork painted one coat; in sections, in readiness for erection, and securely packed on rail.

Size of the three Kennels, 12ft. by 6ft. 6in. (including the 2ft.

6in. passage-way), 7ft. 6ft. high at back, and 6ft. in front; size of each Run, 6ft. long.

PRICE

#### Lean-to Range of Dog Kennels and



No. 396

Constructed similar to No. 395, but less the passage way at back of the Kennels.

Each Kennel, 4ft. by 4ft., 7ft. high at back, 6ft. in front. Run, 6ft. by 4ft.

PRICE-Four Kennels and Runs, £21. Reversible Troughs, 7s. 6d. each extra.

HORTICULTURAL PROVIDERS.

#### Span-Roof Range of Dog Kennels and Yards.



No. 397.

The illustration shows a range of six Kennels and Yards, three on either side, passage way in centre 3ft. wide, from which each Kennel is entered, and attention to sanitary requirements thereby facilitated. The Kennels are constructed of good, sound, lin. tongued and grooved matching, with ventilator in each gable, and are fitted complete with day benches. The Yards are formed of iron rods, and each fitted with gate and reversible trough complete; all outside woodwork painted one coat; constructed in sections in perfect readiness for erection and securely packed on rail.

#### PRICES:

Range of	Four	Kennels	and	Yards	• • •		10	
22 ,	Six			,,		36	- 7	
21	Eight	t ,,		,,	• • •	45	0	0

Size of each Kennel 5ft. by 4ft; Yards, each 6ft. by 4ft. Quotations for ranges of any number of Kennels and Yards on receipt of full particulars.

#### Interior View of Above.



HORTICULTURAL PROVIDERS.

#### Imperial Black Varnish.



For Iron Fences, Wood Palings, Farm Buildings, Poultry Houses, &c.

18 gal. casks, 20s.; 36 gal. casks, 34s.; Casks included. Carefully packed on rail. Casks not returnable.

1 gal. 1s. 6d. (can 6d.); 5 gal. 5s. (can 2s.).

#### Cooper's Disinfectas.

For Poultry Houses and Runs, Kennels, Rabbit Hatches, Stables, &c. Clean, cheap, and healthy.

Per Sack (2-bushel), 2s. 6d.; 10 for 22s. 6d. Sacks included.

#### Roofing Felt.

Patent Asphaltic Rolls, 25yds. long by 32in. wide, 3s. 6d. per Roll; better quality, 4s. 6d.

Nails for fixing Felt, in boxes of 250, 6d.; 500, 1s.

Be Sure and Sprinkle Cooper's Disinfectas in Kennels Daily.

#### Rot-Proof Composition.

For Dog Kennels, Farm Buildings, Poultry Houses, Pailings, Fences, or any description of Outdoor Woodwork.

5gals. 10s.; 10gals. 17s. 6d.; 20gals. 30s.; 40gals. 50s. Cans and casks included.

#### Firewood.

2-bushel sacks new Chumps, nothing over 6in. long. 6d. per sack; 12 for 5s. Sacks included.

## Insect Powder for Dogs.

Tins. PRICE 1s. 6d., post free.

Sprinkle Cooper's Disinfectas in Kennels and Runs Daily.

298

## WILLIAM COOPER, Limited,

Borticultural Providers.

751, OLD KENT ROAD, LONDON, S.E.

# SECTION VII.





# Ilustrated Catalogue

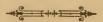
# Heating Apparatus

BOILERS.



# Pipes, Connections.

GAS and OIL HEATERS.



Public Buildings, Mansions, Greenhouses. &c ..

Heated on the most approved Principles.

ESTIMATES ON APPLICATION.

HORTICULTURAL PROVIDERS.

#### Cooper's Improved Amateur Hygienic Heaters.

For Burning Paraffin Oil or Gas without Smoke or Smell.

These Stoves give off neither Smoke nor Smell, and will keep a Greenhouse from 15' to 40' above outside Temperature.

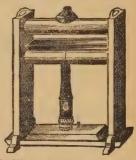
Portable and Complete. Nothing to Break. Fitted with Iron Chimneys.

CAREFULLY PACKED ON RAIL AT THE FOLLOWING PRICES:

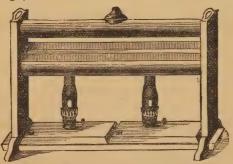


Fitted with Duplex Burner.

No. 398.—18 by 25 by 10, will heat house 7ft. by 5ft., consumes  $\frac{3}{2}$  pint of oil in 10 hours, 15s. Extra for gas, 2s.



No. 399.—27 by 30 by 10, will heat house 9ft. by 6ft., consumes 1 pint of oil in 10 hours, £1 2s. 6d., extra for gas, 2s.



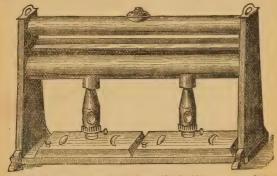
No. 400.-32 by 30 by 10, will heat house 12ft. by 8ft., consumes 1½ pints of oil in 10 hours, £1 15s. Extra for gas, 3s.

These Heaters have been specially arranged as the result of long experience in connection with Heating Arrangements (generally and especially). The Amateur Heater has obtained and maintained a good position among all classes of Gardeners.

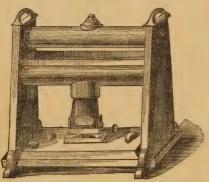
HORTICULTURAL PROVIDERS.

#### Hygienic Heaters-continued.

The object of the present improved Stove is to give increased heat in the upper part, hitherto not obtained, at the same time giving better results in supplying the flame by an easier upward current—a difficulty long felt, but now completely removed.



No. 401. -34 by 30 by 10, will heat house 15ft. by 10ft., consumes 2 pints of oil in 10 hours, £2 10s., extra for gas, 5s.



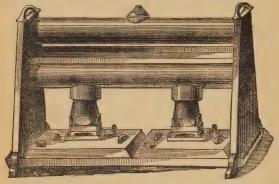
No. 402.—28 by 32 by 13 (with one 4in. flat-wick burner), will heat house 20ft. by 10ft, consumes 2 pints of oil in 10 hours, £2 15s., extra for gas, 5s.

These Heaters are constructed as a means of heating by Hot Air without the use of Hot Water or Fires. Its peculiar construction economises the Heat generated, so that there is no waste of Heat or Fuel. There being perfect combustion in this Stove and nothing whatever injurious to Plants, but actually everything conducive to their health, it should be observed that Plants may be had in full bloom throughout the severest Winter. This cannot be obtained in Stoves of other systems. The Temperature can be regulated to a nicety to suit all requirements, being raised 15° to 45° above that of the outside.

### WILLIAM GOOPER, Ltd, 751, Old Kent Rd, London, S.E. HORTICULTURAL PROVIDERS.

#### Hygienic Heaters-continued.

One of the many features worthy of special notice is the portability of the Stove when in action, there being nothing to shake about. It can be taken from room to room with perfect ease. To maintain the required moisture, a pan or cistern is placed on the upper part of the Stove, for holding water.



No. 403.—33 by 32 by 13 (with two 4in. Flat-Wick Burners), will heat house
25ft. by 10ft.; consumes 4 pints of oil in 10 hours, £3 5s.
Nos. 400 and 401 are special High Power Heaters, fitted with good, powerful Jurners, No. 402 with one 4in. Flat-Wick Burner, and No. 403 with two 4in. Flat-Wick Burners.

Advantages of Cooper's Heater.—(1). Great economy in first cost, its price being one-half that of other systems. (2). Large economy and perfect simplicity of maintenance. (3). No chimney or pipe required. (4). Its peculiar form gives the largest amount of heat-radiating surface. (5). All Double Heaters can be used with one Lamp when required, by stopping up one flue with the Cap supplied. (6). The night pressure of Gas is controlled by the new Patent Governor Burner, burning only 3ft. of Gas per hour.

Instructions.-Keep the air-holes of the Burner free from dirt. When new cotton is used, it should be well dried and cut to the shape of the wick tube (this can be done by removing the brass chimney holder, wiping will only be necessary afterwards). Do not turn it too high at first, and regulate before leaving it. When the pan at bottom requires emptying, remove the lamp and tilt the Heater up, being careful not to empty the contents over the plants. A piece of indiarubber tube of the required length is all the addition wanted to the Gas Heaters, to connect to the nearest pipe or tap. Should the Heater at any time require cleaning out (through turning the wick too high), remove it from the Greenhouse, take away the lamps, &c., turn it upside down, and pour a quantity of water down the nozzle, then thoroughly shake about, so as to remove any soot that may have lodged in the barrels. After this, replace the Heater on its feet, and allow the liquid to run out at the bottom. When thoroughly drained, re-trim and light the lamp, and place beneath as usual, putting the Heater in some place where it can remain until the vapour from the interior has gone off, when it will be found to act perfectly. be found to act perfectly.

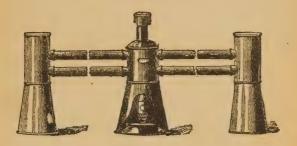
Market Place, Pontefract.

"Sir,—After about two months' trial I am pleased to say that I am well
W. Bratley."

W. Bratley." satisfied with your Hygienic Heater.-Yours truly,

HORTICULTURAL PROVIDERS.

## Cooper's "Reliable" Hot Water Boiler.



No. 404.

Requires no flue, and is easily moved from place to place. Made of best terne-coated iron sheets, which prevent rust. Should a moist atmosphere be required, remove either of the end caps. Always see that the tubes are full of water before lighting stove.

No. 1.—To heat House 7ft. by 5ft., two pipes and 4in. movable burner, £1 10s.

No. 2.—To heat House 9ft. by 6ft., three pipes and 4½in. movable burner, £2 2s.

Length of stoves, 3ft. 9in.

No. 3.—To heat House 12ft. by 8ft., four pipes and 25 in movable burners, £2 14s.

No. 4.—To heat House 15ft. by 10ft., five pipes, and two 4in. movable burners, £3 10s.

Length of stoves, 4ft. 4in.

Will burn 14 to 15 hours with one filling.

Above prices on rail in London. Crates for packing same 2s. 6d. extra. (Not returnable.)

HORTICULTURAL PROVIDERS.

## The "Invincible" Hot Water Apparatus.

Equal to any on the Market, both for Working and Material.

TENANT'S FIXTURE.



No 406

No. 405.

No. 406.
THIS ILLUSTRATES THE WAY THE BOILER.
IS FIXED IN A GREENHOUSE.

We have sold on an average 1,500 of these Boilers every season for the last 15 years (this speaks for itself).

This is the simplest, cheapest, and most powerful Hot Water Apparatus made. The Boiler stands in the Greenhouse, the front only being outside and flush with the outer wall. It stands on the floor level, so that a sunk stoke-hole is not necessary. No brick setting is required—a hole is simply made in the brick or boarded front of the Greenhouse, and the boiler let in, thus forming a "Tenant's Fixture." The Boiler being in the house, the whole of the heat from same is utilised. This heat in a No. 1 size is about equal to that of 9ft. 4in. hot-water pipe. Being stoked from the outside no fumes can enter the house, and it is perfectly safe from risk of fire. The pipe terminates in an open-feed syphon, which takes the place of a supply cistern, and only requires filling about twice a week. The joints to the hot-water pipes are made with elastic rings, so that the whole of the apparatus can be fixed by any handy person, a hot-water fitter not being required. The Boiler is remarkably economical in fuel, and will burn more than 12 hours without attention, thus entirely dispensing with night stoking. The Boilers are made in six sizes; the dimensions, power, and prices are given below:-

Height.		Depth.	Canable of Westing	Price of
No. 1.—1 10	1 2	1 2	75 ft of / in mine	£2 5 0
,, 3.—2 3 .	1 9	1 5	100 ft. ,,	4 0 <b>0</b> 5 15 0
,, 4.—2 6 .	1 4	1 4	275 ft. ,,	8 0 0
,, 6.—2 9 .	: i i i i i i i i i i i i i i i i i i i	1 9	500 ft	10 0 0

These prices include two Sockets for pipes cast on Boiler flanges. Indiarubber Rings and Bolts for making Joints, Smoke Nozzle, Damper, Fire Bars and Ash-pit, and carefully packing on rail.

# WILLIAM COOPER, Ltd, 751, Old Kent Rd, London, S.E. HORTICULTURAL PROVIDERS.

Prices of Complete Apparatus with

### "Invincible" Boiler,

For Greenhouses of the following dimensions; with two rows of 4in pipes as shown in the accompanying illustrations, cut and fitted, so that if the internal measurement of the Greenhouse is given, the Apparatus will be sent completely ready for fixing, an advantage which will be appreciated by all.

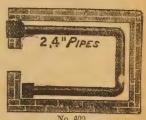


No. 407. Two rows of 4in. pipes along one side of house.



No. 408.

Two rows of 4in. pipes along one side and end of house.



Two rows of 4in, pipes along two sides and one end of house.

Sizes of Green- houses outside measure. Long. Wide.		Pipes as Illustra- tion. No. 407.	No. of Boiler	Pipes as Illustra- tion. No. 408.	No. of Boiler	
ft. 7 by 5 9 0 6 10 0 7 12 0 8 15 10 20 10 25 10 10	1 1 1 1 1 1 1 1	£ s. d. 2 15 0 3 0 0 3 2 6 3 5 0 4 5 0 5 5 0 6 5 0	1 1 1 1 1 1	£ s. d. 3 12 0 3 14 0 3 15 0 4 5 0 5 10 0 6 10 0 7 10 0	1 1 1 2 2	£ s. d. 4 10 0 4 14 0 4 15 0 5 10 0 7 0 0 9 10 0 11 5 0

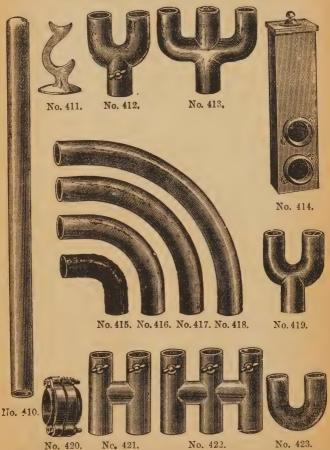
Each Apparatus includes Boiler as described on Page 304, 6ft. of Smoke Pipe, 4in. Pipes and Connections, Supply Cistern with Cover, and all necessary Joints for fixing.

Estimates for Complete Apparatus for any sized house free on application. Securely and carefully packed on rail at the above prices.

PROVIDERS. HORTICULTURAL

### Hot Water Pipes and Connections,

WITH IMPROVED EXPANSION JOINTS.



Reading. "Dear Sir,—I received the Heating Apparatus on Monday last quite safe, and was pleased with it.—Yours truly,

306

### WILLIAM GOOPER, Ltd, 751, Old Kent Rd, London, S.E. HORTICULTURAL PROVIDERS.

Hot Water Pipes and Connections-continued.

#### PRICES.

			J.		
No.	LIST.			PACKE	D ON RAIL.
410. Hot Water P 411. Pipe Stand	ipe, in 3, 6, or 9ft.	lengths		4 in.	8. d. 2 6 per yd.
412. Outlet Sypho	n Valve			" 1	0 9 each. 21 0 .,
413. Three-way On 414. Expansion Be	utlet Syphon ox for under 30ft,	of Pipe	••	1)	8 0 ,,
22 1	, ,, over 30 ,	, ,,			12 0 ;; 15 0 ;;
415. Elbow, ordin		2 22	** **		18 0 "
416. Elbow, outsid	le, for two rows			22	2 6 ,,
418.	,, three rows			1	7 6 .,
419. Outlet 420. Joint complet	e with rubber an	d pins		21	5 0 ,,
421. H. Valve with 422. Double H. wi	two valves		•• ••		2 0 .,
423. Close Syphon		** **	** **	,, ° 5	5 0 ;;

These prices include cutting and fitting the pipes, so that if the internal measurements of the Greenhouse are given, pipes will be sent completely ready for fixing—an advantage which will be appreciated by all.



#### Smoke Pipe

for No. 1 Boiler, 6s.

10s.

12s.





Cap for Smoke

Pipe

2s. each

extra.

No. 425.

### Draw-off Tap.

Spanner.

No. 426.



No. 427.



Brass Draw-off Tap for empty- Spanner for screwing up joint ing apparatus, 3s. each extra.

pins, 6d. extra.

Stoking Tools: The complete set-Steel Shovel, Rake, and Teazer, 2s. 6d. extra.

HORTICULTURAL PROVIDERS.

#### New Patent "Cooper" Gas Boiler.



No. 0 will heat 20ft. of 2-in. pipe.

PRICE £2 5s.

No. 1 will heat 35ft. to 45ft. of 2-in. pipe. PRICE £2 15s.

No. 2 will heat 70ft. to 80ft. of 2-in. pipe.
PRICE £4 10s.

No. 3 will heat 150ft, to 170ft, of 2-in. pipe.
PRICE £5 15s.

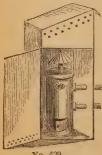
Nos. 1, 2, and 3, with extra powerful Burners, 7s. 6d. extra.

No. 423.

These boilers and stoves are made on an entirely new principle, and may be placed with perfect safety inside a conservatory, as from their construction there is an equal pressure of air on the inlet and outlet pipes, thus obviating the risk of a down draught, and at the same time effecting an enormous saving in cost of gas, as the heat from the boiler is retained in the house. The outer case of boiler is made airtight, and all the air for the supply of burner is drawn from the outside down the inlet pipe to the bottom of case, while the pipe for the escape of hot air is taken from the top, thus keeping up a "syphonic" action when in use, and maintaining the air pure in conservatory.

The burners swing out so that a lady can manage them.

N.B.—All boilers are made right handed, and can be supplied reverse hand to that shown if desired.



## Galvanized Cases for "Cooper" and "Invincible" Boilers.

For fixing outside conservatory, showing boiler, as fixed inside case.

No. 1. 2 3. PRICE £1. £1 5s. £1 10s. each.

No. 429.

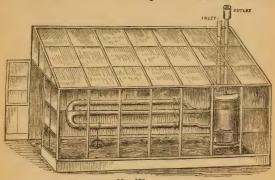
Petersfield Villa, Wonersh, Guildford.

MR. W. COOPER.
"DEAR SIR,—I bought one of your Hygienic Heaters some time since, which has given every satisfaction.—Yours truly,

(Signed) V. E. GOODWIN."

HORTICULTURAL PROVIDERS.

### New Patent "Cooper" Gas Boiler.



No. 430.

Sketch of conservatory fitted with New Patent "Cooper" Gas Boiler and Apparatus, showing position of outlet pipe for hot air, and inlet pipe for fresh air.

In fixing see that the top of inlet cap is 3in, below bottom of

outlet cap.



# Caps for Inlet and Outlet Pipes.

No.	1.	2.	3.		
	s. d.	s. d.	s. d.		
No. 432. Inlet	1 9	2 6	3 6		
No. 431. Outlet	2 9	3 6	4 3		

No. 431. No. 432. Outlet Cap. Inlet Cap.

#### Stout Galvanized Iron Pipe, For Outlet and Inlet.

For No. 1 2 3 Boiler, PRICE 9d. 1s. 3d. 1s. 10d. per ft.

When ordering boiler state amount of inlet and outlet pipe required, and add amount to cost of boiler, also if sockets are required left or right hand side of boiler when facing same.

12, Kyverdale Road, Stoke Newington, N.
"DEAR SIR.—I received the little Hot Air Stove and am very pleased with it.
Will you let me have another reservoir and burner.—Yours truly,
(Signed) A. J. Statham."

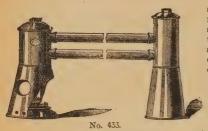
"Sir,—Stove to hand quite safe. I am quite pleased with all.—Yours, &c...

200

MRS, SHAW."

HORTICULTURAL PROVIDERS.

#### The Amateur's Assistant.



Considering the number of small Greenhouses that do not require much more than sufficient heat to keep out the frost, and the numerous applications constantly received from Amateurs for a cheap and strong stove applicable to the purpose, we are induced to place before the public an entirely original Hot Water Apparatus that will raise the temperature from 15° to 45° above that of

the outside, requiring no attention, except to see that the oil vessel is kept supplied. No skilled labour is required for fixing, only to slip the rings over pipes, push into sockets, and fill up with either plaster of Paris, fire clay, or any cement. Securely packed on rail as follows :-

No. 1 .- A Boiler made of strong Metal Plates, on our well-known patent principle, and fitted with a suitable lamp, to burn oil or gas; 8ft. 2in., Galvanized pipes (4ft. flow and 4ft. return); One Feeder Stand to receive the ends of the pipes, also for the purpose of filling: Four India-rubber Rings for joints to boiler and feeder. Price 18s. complete.

No. 2.-Larger Boiler, 12ft. 2in., Galvanized Pipes, Feeder, Rings, &c. Price £1 5s. complete.

No. 3 .- Still larger Boiler, 16ft. 2in., Galvanized Pipes, Feeder, Rings, &c. Price £1 15s. complete.

No. 4.—Complete with 24ft. 3in. piping, £3. Will heat 60ft.

No. 5.—Complete with 30ft. 3in. piping, £5. Will heat 90ft.

ESTIMATES FOR LARGER SIZES FREE ON APPLICATION.

### INSTRUCTIONS FOR FIXING THE AMATEUR'S ASSISTANT AND "RELIABLE" BOILER AND PIPES.

First, place the Boller in the position it is intended to occupy; then connect the water pipes to it by placing one of the indiarubber rings on the extreme end of each pipe, and forcing them into the sockets as far as they will go. The pipes are then to be connected to the elbows or feeder, as the case may be, in the same way, and the rings must be jammed or caulked in evenly all round the pipes. Then fill the apparatus with water through the Feeder at the end of the pipes, and when the water in the feeder is just above the level of the top pipe, light the lamp, keeping it low at first to allow the foul air and fumes to escape and create draught. Then you can turn the light up as high as may be required, without smoking. When the water in the pipes is hot enough, turn down the light, and by a little practice you will very soon know how to regulate the heat.

Do not under any circumstances allow the lamp to smoke, or you will fill the

Do not under any circumstances allow the lamp to smoke, or you will fill the dome and conducting tubes full of soot, and the Boiler will not act. The lamp be and conducting tubes full of soot, and the Boller will not act. The lamp should be trimmed and re-filled about once in ten or twenty hours, as the case may be, and about once in a season the Boller should be cleaned out. The same remarks apply also to Bollers burning Gas. When the Gas Boller is placed inside the Greenhouse, the joints of gas-pipes must be made tight, to prevent the smallest leakage. The feeder must in all cases be higher than the Boller in the proportion of lin. to every fort of pipe, in length, or the water will not circulate properly.

A mixture of red and white lead will stop any leak.

The pipes may be painted with lampblack and boiled linseed oil, to protect them from injury by damp.

310

HORTICULTURAL PROVIDERS.



		Size of Boile	er.	Actual		D		
No.	Long.	Inside Arch.	Outside Size.	Power. 4in. Pipe.	Price of Boiler.	Price of Furnace Fittings.		
1 2 3 4 4 5 6 6 7 8 9 10 11 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 30 30 30 30 30 30 30 30 30 30 30 30	14. 18 by 18 18 18 19 18 19 18 19 18 19 19 19 19 19 19 19 19 19 19 19 19 19	W. H. 10 by 11 12 " 12 10 " 11 21 " 12 10 " 11 22 " 12 10 " 11 21 " 12 11 " 14 11 " 14 12 " 14 14 " 14 14 " 14 16 " 16 18 " 18 18 " 18 18 " 18 21 " 18 21 " 21 224 " 18 224 " 18 224 " 18 224 " 18 224 " 18 224 " 18 224 " 18 224 " 18 224 " 18 224 " 18 224 " 18 224 " 18 224 " 18 224 " 18 224 " 18 224 " 18 224 " 18 224 " 18 224 " 18 224 " 18 224 " 18 224 " 18 224 " 18 224 " 21 224 " 21 224 " 21 224 " 21 224 " 21 224 " 21	W. H. H. 144 by 134 by	Feet. 150 180 180 210 210 240 280 270 315 300 355 420 480 660 6630 6640 6840 880 880 880 850 910 1000 1120 11360 1480 1480	£ s. d. d. 12 0 6 6 12 4 4 0 0 6 6 22 14 6 6 22 14 6 6 6 22 14 6 6 6 6 7 7 19 5 8 8 0 0 9 12 0 6 6 6 11 2 0 9 19 10 6 6 6 11 2 0 0 14 14 14 0 16 16 16 16 18 18 0 0 22 8 0	£ s. d. 6 0 6 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0		

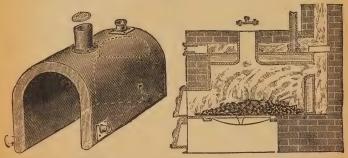
Plain Sockets, 2in. 5s. 6d., 3in. 7s., 4in. 2s. each. Elbow Sockets, 2in. 7s. 6d., 3in. 9s., 4in. 10s. 6d. each. Furnace fittings consist of one furnace front, fire bars, bearers, deadplate, damper, and 3 soot doors.

When ordering, state size of sockets and position in which they are to be fixed.

HORTICULTURAL PROVIDERS.

#### Improved Saddle Boiler

With Waterway Bridge End and Top Feeder.



No. 435.

No. 436.

#### Elevation.

#### Longitudinal Section.

No.		Size of Boiler.						Actual Heating				Price of Fur-			
	Lon	g.	In	side	Arch.	Outs	side A	Arch.	Apparatus 4in. Pipe.	Price of Boiler.			nace Fittings.		
1 2 3 4 5 6 7 8 9	L. 18 24 30 36 42 43 54 54 60 60	by ,, ,,	W. 12 14 14 16 16 18 18 21 21 24	by ,, ,, ,, ,, ,, ,, ,, ,, ,, ,, ,, ,, ,,	H. 10 18 18 20 20 22 22 26 26 28	W. 16 18 18 21 21 24 24 27 27 30	by ,, ,, ,, ,, ,, ,, ,, ,, ,, ,, ,, ,, ,,	H. 18 20 20 22½ 25 25 25 29 31	Feet. 275 415 490 650 730 915 1040 1225 1375 1525	£ 5 7 8 10 13 15 18 20 20 22	8. 16 0 8 12 0 10 0 0 15 15	d. 0 0 0 6 0 0	£22333455555	s. 10 15 0 10 15 5 0 5 10 15	d. 0 0 0 0 0 0 0 0

Plain Sockets, 2in., 5s. 6d.; 3in., 7s.; 4in., 8s. each extra.

Elbow Sockets, 2in., 7s. 6d.; 3in., 9s.; 4in., 10s. 6d. each extra.

Furnace fittings consist of furnace front, fire bars, bearers, deadplate, damper, and three soot doors.

### Cooper's Pipe Composition.

A coat of this Composition on Boilers and Pipes preserves, prevents rust, and gives neat appearance. Much better than paint. Cheap and lasting.

PRICE 5s. per gallon (cans included).

HORTICULTURAL PROVIDERS.

# Improved Independent Saddle Boiler,



No. 437.

With Waterway Front, cast-iron Front Bars and Door, Smoke Flue fitted with slide damper, cast-iron Stand fitted with door, front and side Ventilators.

Price includes one 2in. Flow and one 2in. Return Socket.

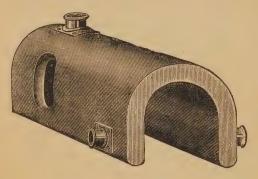
No.	Outside Size of Boiler, exclusive of Stand. Long. Wide. High.	Height, including Stand.	Actual Heating Power. 4in. Pipe.	Price of Boiler.
1 2 3 4 5 6 7 8 9 10 11 12 13 14	in. in. in. in. 18 by 16 by 18 21 16 18 24 116 18 24 118 22 24 24 18 18 22 24 24 24 30 18 24 30 24 36 18 24 36 24 12 24 36 24 36 24 36 36 36 36 36 36 36 36 36 36 36 36 36	in. 26 26 26 26 33 30 33 33 33 33 33 33 33 33 33 33	ft. 175 187 200 260 300 375 340 415 450 500 525 585 600	£ s. d. 8 5 0 9 0 0 9 7 6 9 14 0 11 10 0 14 0 0 15 0 0 17 2 6 18 0 0 19 0 0 10 0 11 10 0

When ordering, please state Number and Size of Boiler.

HORTICULTURAL PROVIDERS.

### Improved Saddle Boiler

With Waterway Terminal End and Side Flues.



No. 438.

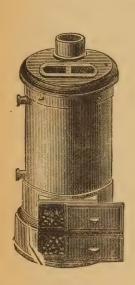
No		Size of Boile	er.	Actual Heating	Price of Boiler.	Price of Furnace Fittings.				
110	Long.	Inside Arch.	Outside Size.	Power. in, Pipe.						
1 23 4 5 6 7 8 9 10 11 12 11 14 15 16 17 18 19 20	L. 24 by 30 350 353 356 422 422 428 488 488 488 488 544 554 560 600 600 600	W. H. 14 by 14 16 " 14 16 " 16 14 " 14 16 " 16 16 " 16 18 " 18 18 18 18 18 18 11 " 21 " 21 " 2	W. H. 20 by 17 20 17 22 11 22 11 20 11 20 17 22 11 20 11 20 11 20 11 20 11 20 11 20 11 20 11 20 11 20 11 20 11 20 11 20 11 20 11 20 11 20 11 20 11 20 11 20 11 20 11 20 11 20 11 20 11 20 11 20 11 20 11 20 11 20 11 20 11 20 11 20 11 20 11 20 11 20 11 20 11 20 11 20 11 20 11 20 11 20 11 20 11 20 11 20 11 20 11 20 11 20 11 20 11 20 11 20 11 20 11 20 11 20 11 20 11 20 11 20 11 20 11 20 11 20 11 20 11 20 11 20 11 20 11 20 11 20 11 20 11 20 11 20 11 20 11 20 11 20 11 20 11 20 11 20 11 20 11 20 11 20 11 20 11 20 11 20 11 20 11 20 11 20 11 20 11 20 11 20 11 20 11 20 11 20 11 20 11 20 11 20 11 20 11 20 11 20 11 20 11 20 11 20 11 20 11 20 11 20 11 20 11 20 11 20 11 20 11 20 11 20 11 20 11 20 11 20 11 20 11 20 11 20 11 20 11 20 11 20 11 20 11 20 11 20 11 20 11 20 11 20 11 20 11 20 11 20 11 20 11 20 11 20 11 20 11 20 11 20 11 20 11 20 11 20 11 20 11 20 11 20 11 20 11 20 11 20 11 20 11 20 11 20 11 20 11 20 11 20 11 20 11 20 11 20 11 20 11 20 11 20 11 20 11 20 11 20 11 20 11 20 11 20 11 20 11 20 11 20 11 20 11 20 11 20 11 20 11 20 11 20 11 20 11 20 11 20 11 20 11 20 11 20 11 20 11 20 11 20 11 20 11 20 11 20 11 20 11 20 11 20 11 20 11 20 11 20 11 20 11 20 11 20 11 20 11 20 11 20 11 20 11 20 11 20 11 20 11 20 11 20 11 20 11 20 11 20 11 20 11 20 11 20 11 20 11 20 11 20 11 20 11 20 11 20 11 20 11 20 11 20 11 20 11 20 11 20 11 20 11 20 11 20 11 20 11 20 11 20 11 20 11 20 11 20 11 20 11 20 11 20 11 20 11 20 11 20 11 20 11 20 11 20 11 20 11 20 11 20 11 20 11 20 11 20 11 20 11 20 11 20 11 20 11 20 11 20 11 20 11 20 11 20 11 20 11 20 11 20 11 20 11 20 11 20 11 20 11 20 11 20 11 20 11 20 11 20 11 20 11 20 11 20 11 20 11 20 11 20 11 20 11 20 11 20 11 20 11 20 11 20 11 20 11 20 11 20 11 20 11 20 11 20 11 20 11 20 11 20 11 20 11 20 11 20 11 20 11 20 11 20 11 20 11 20 11 20 11 20 11 20 11 20 11 20 11 20 11 20 11 20 11 20 11 20 11 20 11 20 11 20 11 20 11 20 11 20 11 20 11 20 11 20 11 20 11 20 11 20 11 20 11 20 11 20 11 20 11 20 11 20 11 20 11 20 11 20 11 20 11 20 11 20 11 20 11 20 11 20 11 20 11 20 11 20 11 20 11 20 11 20 11 20 11 20 11 20	Feet. 320 390 450 450 425 490 460 530 530 610 700 690 790 940 990 930 1010 1110 1030 1160 1230	£ s. d. 6 0 0 0 7 7 7 6 8 2 6 8 12 6 8 12 6 8 12 6 10 10 0 11 2 6 11 2 7 12 8 13 15 0 14 10 0 15 10 0 15 10 0 18 10 0	£ s. d. 2 15 0 3 00 3 5 0 3 5 0 3 7 6 3 7 6 3 7 6 3 15 0 3 15 0 4 10 0 5 0 0 5 5 0 5 10 0 5 15 0				

Plain Sockets, 2in., 5s. 6d.; 3in., 7s.; 4in., 8s. each extra.

Elbow Sockets, 2in., 7s. 6d.; 3in., 9s.; 4in., 10s. 6d. each extra.

When ordering, please state Number and Size of Boiler.

# Improved "Star" Independent Boiler.





No. 439.

No. 440.

# PRICE LIST includes one Flow and Return Socket

No. 439.	Without To	p Feed	ler.		Actual		
	Dimensions. ht. Dia.	Síz	e of Socket.		ating Pown 4in. Pipe Ft.		Price.
26	by 12	***	14	***	80	***	2 12 6
	,, 14	***	11/2	•••	140	***	3 17 6
40	,, 16	***	2	***	220	***	6 2 6
No. 440.	With Exter	ded To	p Feeder.				
46	,, 12		11		80		3 10 0

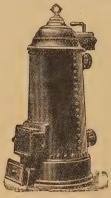
The sockets, unless specially ordered, are fitted at back.

140 220

# Improved Independent Riveted Boiler.

(Parallel Sides.)

(SIMPLE, EFFICIENT, ECONOMICAL.)



No. 441.
PRICES include one Flow and Return Socket (as per Drawing).

No.	Size of Boiler Ex- clusive of Castings. Height. Diam.	Size of Socket.	Actual Heating Power. 4in. Pipe.	Price, Complete.
1 2 3 4 5 6	In. In. 24 by 14 30 ., 14 30 ., 16 36 ., 16 42 ., 16 36 ., 18 42 ., 18 48 ., 18 48 ., 18 36 ., 20 42 ., 20 48 ., 20	In. 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	Ft. 140 175 200 250 300 280	£ s. d. 4 0 0 5 0 0 6 6 0 7 7 0 8 0 0 8 15 0
7 8 9 10	42 ,, 18 48 ,, 18 36 ,, 20 42 ,, 20 48 ,, 20	2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	330 380 300 350 400	10 0 0 11 0 0 10 0 0 11 0 0 11 0 0

This Boiler can be made with conical sides (as illustration) 10 % extra.

When ordering Boilers, please give Number and Page with sizes.

Sockets, unless specially ordered, are fitted at back of boiler.

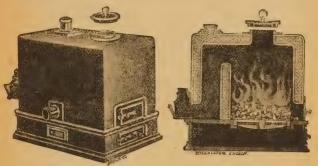
"DEAR SIR,—I am pleased to say the Heating Apparatus came to hand yesterday. The House is now erected, and looks strong and substantial. Several of my friends have been to look at it, and I have no doubt it will lead to further orders for you.—Yours truly,

T. FOSTER,"

HORTICULTURAL PROVIDERS.

#### Independent "Caxton" Boiler.

With descending Flue and Top Feeder, smoke flue fitted with Slide Damper. Cast-iron stand fitted with door. Front and side ventilators.



Elevation.

No. 442.

Section.

No. 443.

# PRICE LIST includes one 2in. Flow and one 2in. Return Socket.

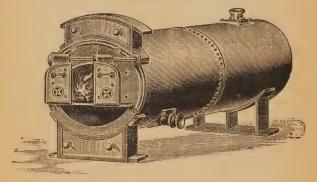
No.	Outside Measure of Boiler exclusive of Stand. Long. Wide. High.	Height including Stand.	Actual Heating Power, 4in. Pipe.	Price of Boiler.					
	IN. IN. IN.	IN.	FT	£ s. d.					
1	24 by 24 by 34	. 43	575	17 0 0					
2	30 ,, 24 ,, 34	43	685	20 5 0					
3	36 ,, 24 ,, 34	43	800	23 15 0					
4	42 ,, 24 ,, 34	43	910	26 15 0					
5	48 ,, 24 ,, 34	43	1025	30 0 0					
6	54 ,, 24 ,, 34	43	1150	33 5 0					
7	60 , 24 ,, 34	43	1275	35 10 0					
8	54 ,, 27 ,, 34	43	1250	35 10 0					
9	60 ,, 27 ,, 34	43	1375	37 10 0					

When ordering Boilers, please give Number and Page with sizes.

HORTICULTURAL PROVIDERS.

# Improved "Trentham Cornish" Boiler

(WROUGHT IRON).



No. 444.

PRICE LIST includes one Flow and two Return Sockets, and Fittings (as per Drawing).

No.	Size of	Boiler.	Actual Heating Power.	PRICE.					
	Length.	Diam.	4-in. Pipe.	Complete.					
	WT. IN.	FT. IN.	FT.	£ s. d.					
1	4 6 by		1050	27 5 0					
2	5 0 ,,	2 8	1200	30 0 0					
3	5 0 ,,	3 0	1400	32 10 0					
4	5 6 ,,	3 0	1575	35 10 0					
<b>4</b> 5	6 0 ,	3 0	1750	37 10 0					
6	7 0 "	3 0	2100	42 0 0					
7	8 0 ,,	3 0	2450	45 0 0					
8	9 0 ,,	3 6	3225	56 0 0					
9	10 0 "	3 6	3650	62 0 0					

When ordering Boilers, please give Number and Page with sizes.

Howland Road, Marden.

"SIR,—I handed my catalogue to Mr. Campbell, and he had a House from you.
I must say mine answers admirably well. I have grown a good crop of tomatoes in
tthis summer.—Yours &c.,
OWEN GILBERT."

### Socket Pipes and Connections.

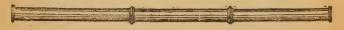
#### Hot Water Pipes.



No. 445.

							וע	Y	10 (0)	S OI	P	PE.			
						2	in.		3	in.		4	in.		
						s.	d.		8.	d.		8.	d.		
9ft.	Lengths	***	***	•••	***	-	_	•••	1	8		2	1	per yd.	
			***		•••	1	2		1	8		2	1	,,,	
3ft.	11			•••		1	4		1	10		2	4	44	

#### Hot Water Coil Pipes.



No. 446.

			DIAMETER OF PIPE											
					2in.			3in.			4i	n.		
						z,	d.		s.	d.		я,	d.	
9ft.	Lengths	•••	***	***	•••	-		•••	1	8		2	1	per yd.
6ft.	22			•••		1	2		1	8		2	1	11
3ft.	11	•••	***	***		1	4		1	10		2	4	22

#### Hot Water Trough Pipes.



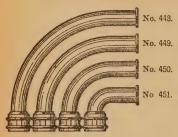
No. 447.

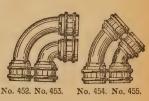
DIAMETER OF PIPE.

					2i	in.	3in.			4	n.	
					s.	d.	S.	d.		s.	d.	
9ft.	lengths	(4in. and	6in, troughs)	•••	-	-	 6	3		7	6	per yd.
6ft.	11	11	17	•••	3	9	 6	3		7	6	. 99

HORTICULTURAL PROVIDERS.

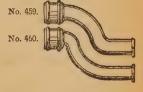
#### Hot Water Connections.











1	1	

459.—Swan Necks

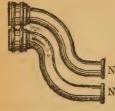
460.

No. 457. No. 458.

							1	DIA	MET	ER	OF	PIP	E.	
						2i	n.		3i	n.		4	n.	
						8.	d.		8.	d.		s.	d.	
No.	448.—Con	amon l	Elbows	•••		-	-		7	6		10	0	each.
"	449.	99	11	•••	•••				5	9		7	6	93
97	450.	11	"	•••		2	3		3	3		4	3	"
"	451.	99 .	9	•••	•••	1	3		2	2		2	8	"
,,	452.—Dou	ble-So	cket Elb	ows, lon	ıg	2	6		3	3		4	6	"
27	453.	99	,,	sho	rt	1	6		2	4		3	2	,,
,,	454.	. 99	· 11 8	-circle 1	ong	2	6		4	0		5	0	27
"	455.	22	99	,, sl	hort	1	9		2	9		3	9	"
"	456.—Flan	nge El	bow, 1-c	circle sl	hort	2	9	•••	3	6	•••	4	9	,,
					3ir	ı. to	2ir	ı. 4i	in.	to 2	in.	4in.	to 3i	in.
99	457.—Lon	g Dim	inishing	Elbows		3	6		5	0		5	0	"
11	458.—Shor	rt Dim	inishing	Elbows	3	2	6		3	6		3	6	22

HORTICULTURAL PROVIDERS.

Hot Water Connections-continued.



No. 461.

No. 462.



No. 463.



No. 464.



No. 465.



No. 466.



No. 457.



No. 468.





No. 471.

DIAMETER OF PIPE. 2in. 3in.

No. 461.—Swan Necks 462. ,, ,,

463.-S Pipe ... 464,-Branch Piece

466 .-- Y Piece ... 467.-T Piece ... 468.

469. 470.

471.—Diminishing T Piece ...

3 6 ... 5 6 ... 6 9 each. 6 ... 5  $6 \dots 6$ 3 9 ... 5 0 ... 7

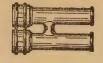
6 ... 5 3 ... 7 3 6 ... 5 3 ... 7

0 ... 3 0 ... 4

HORTICULTURAL PROVIDERS.

Hot Water Connections-continued.







No. 472.

No. 473.

No. 474.



No. 475. No. 476. No. 477. No.

No. 478. No. 479.

No. 480.









No. 481.

No. 482.

No. 483.

No. 484.

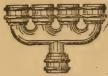
DIAMETER OF PIPE.									
				2i	n.	3i	n.	4i	n.
				s.	d.	s.	d.	g,	d.
No.	472.—Cross Piece	***		3	6	5	6	7	6 each.
"	473.—Close   Piece	***		4	3	7	0	9	0 ,,
99	474.—Open H Piece	•••		4	3	7	0	9	0 "
			3ir	1. to	2in. 4	in. t	o 2in.	4in.	to 3in.
99	475.—Diminishing Pipe	***	•••	2	4	2	10	3	0 ,,
33	476.— " Nipple	***	•••	1	4	1	10	2	0 "
,,	477.— " Socket		***	2	0	2	9	3	0 ,,
				2ir	1.	. 3	in.	4	in.
**	478.—Close Syphon	•••	•••	. 2	0	3	0	4	0 ,,
29	479.—Open "	***	•••	2	0	3	3	4	0 ,,
91	480.—Three-way Syphon			4	0	6	9	8	6 ,,
,,	481.—Four-way Syphon			5	6	8	9	12	0 ,,
99	482.—Outlet "	•••	•••	3	4	5	6	7	6 ,,
	483.— ,,			3	4	5	6	7	6

### WILLIAM GOOPER, Ltd, 751, Old Kent Rd, London, S.E. HORTICULTURAL PROVIDERS.

Hot Water Connections-continued.







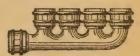
No. 486.



No. 487.



No. 488.



No. 489.



No. 490.







No. 493.





No. 495.



No. 496.



No. 497.

DIAMETER OF PIPE.



No. 498.

				2in.		3in		4in.		
				s.	d.	s.	đ.	8.	d.	
No.	485.—Three-way Outlet Sy	phon	•••	5	6	8	0	11	0	each.
92	486.—Four-way	23	•••	6	6	11	0	14	6	22
22	487.—Elbow Syphon	***		3	4	5	6	7	6	22
11	488.—Three-way Elbow Sy	phon		5	6	8	0	11	0	22
22	489.—Four-way	-,,		6	6	11	0	14	6	,,
22	490.—Chair Syphon	***	•••	3	9	6	0	7	6	22
. 32	491.—Single Collar	***		0	10	1	4	1	9	93
22	492.—Blank Socket	***		0	10	1	4	1	9	51
97	493.—Blank Spigot			0	5	0	9	1	2	_ ;;
99	494,—Double Collar	***	***	1	8	2	4	3	- 6	* 9
99	495.—Short Flange Socket			2	4	3	6	4	9	11
-99	496.—Curved ,, ,,	***		2	4	3	6	4	9	-,,
99	497.—Flat Elbow Socket			3	0	4	0	5	3	2.9
77	498.—Curved			3	0	4	0	5	3	

HORTICULTURAL PROVIDERS.

#### Hot Water Connections—continued.









No. 503.



No. 500.

No. 501,







No. 504.

No. 505.

No. 506.

No. 507.









No. 508.

No. 509.

No. 510.

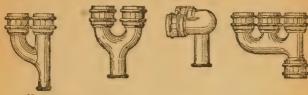
DIAMETER OF PIPE.

		~ 2i:		n.	. 3in.			4in.						
						s.	d.		s.	d.		s.	d.	
No.	499.—Pi	pe Stand	***	•••		-	-		0	7		0	9	each.
>>	500.		***	***		_	-		0	7		0	9	"
11	501.—Pi	pe Stand v	vith loc	se Base			-		0	10		1	3	"
,,	502.				• • •	-	-		1	8		2	0	,,
	503.—Di	minishing	T Pie	ce		2	0		3	3		4	0	29
59	504.	22	79	•••	• • •	2	0		3	3		4	0	22
**	505.	93	9.9	•••	•••	2	0	•••	3	3	•••	4	0	**
,,	506.	,,,	22		•••	2	0		3	3	• • •	4	0	19
**	507.	, 97	9.9	•••	• • •	2	0		3	3		4	0	**
,,	508.	. 99	99	***		2	0		3	3	• • •	4	0	,,
,,	509.—T	Piece	5.44			2	0	•••	3	3	• • •	4	0	19
12	510.—Di	minishing		Syphon		3	4		5	6		7	6	21
13	511.	99	99		••• 1	3	4		5	6	• • •	7	6	٠,

Lough Eske, viå Strabane. "Dear Sir,—Enclosed I send you cheque. The Boiler pleases meetil. I hope to be able to get some orders for you.—Yours sincerely, H. Mason."

HORTICULTURAL PROVIDERS.

Hot Water Connections-continued.



No. 512.

No. 513.

No. 514,

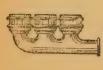
No. 515.







No. 518.



No. 519.



No. 520,



No. 521.



No. 522.

	DIAMETER OF LIFE.							
	2	in.	3iı	n.	4in			
27	s.	d.	s.	d.	S.	d.		
No. 512.—Diminishing Branch Piece	3	6	5	3	. 7	0 each.		
" 513.—Open Outlet Syphon	3	4	5	6	. 7	6 ,,		
" 514.—Chair Syphon	3	9	6	0	. 7	6 ,,		
" 515.—Three-way Branch Piece	6	0	8	3	11	0 ,,		
		0						
" 517.—Diminishing Double Elbows	-		5	3	. 7	0 ,,		
	3	4	5	6	. 7	6 "		
" 519.—Three-way Elbow Syphon	5	6	8	0	.11	0 ,,		
" 520.—Cross Piece	3	6	5	6	7	6 ,,		
" 521.—Octagonal Bend	2	0	3	0	4	0 ,,		
" 522.—Coil Syphon	3	0	5	0	7	6		

325

HORTICULTURAL PROVIDERS.

Hot Water Connections—continued.



No. 523.









No. 528.



No. 529.



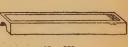
No. 530. No. 531



No. 532.







No. 535.

#### DIAMETER OF PIPE.

		2	in.	3	in.	4in.		
		S.	d.	S.			d.	
No.	523.—Diaphragm Valve	13	3	16	6	20	0	each.
	524.—Diaphragm Valve Single Socket	13	_3	16	6	20	0	22
••	525 Throttle Valve Double Socket	9	0	11	0	12	6	"
. ,,	526.—Improved Angle Valve	13	3	16	6	20	0	91
12	527Throttle Valve Spigot and							
"	Socket	9	0	11	0	12	6	22
11	528T Pipe with 2 Valves	25	0	32	0	37	6	21
**	529H Pipe, open or close, with							
"	2 Valves	25	0	32	0	37	6	11
11	530.—Single Socket Elbow &-circle							
**	long	2	9	3	9	5	0	22
**	531.—Single Socket Elbow 1-circle							
77	short	2	0	2	9	3	9	23
,,	532.—Spigot Elbow long					4	3	22
11	533.—Spigot Elbow short					2		11
"	534.—Double Branch Pipe						0	22
				3			3	
22	535.—Loose Trough	2	3	5	3	4	0	22

HORTICULTURAL PROVIDERS.

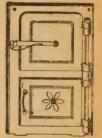
### Furnace Doors and Frames.



No. 536.



No. 537.



No. 538.



No. 539.



No. 540.

		£ p.	d.
No. 536.—Double Sliding Doors 181 in. by 14in.	•••	0 12	0 each.
With 1 each Furnace and Ashes Pit Door 20in, by 16in,			
and Ashes Pit Door 20in. by 16in.		0 15	0 ,,
,, ,, ,, 21½in. by 18in.		1 0	
With 2 each do. do. 30in. by 26in.	•••	1 10	
Double Sliding Doors			
with 2 Soot Boxes 36in, by 32in.		2 10	0 ,,
" 537.—Single Flush Doors 15in. by 143in.		0 9	
,, ,, 19in. by 18in.		0 12	6 ,,
, 538.—Extra Strong Double			"
Flush Doors 32in. by 25in.		2 0	0 ,,
,, ,, 34in. by 25in.		2 5	
" " " 38in. by 25in.		2 10	
" 539.—Double Flush Doors 24in. by 15in.		0 15	
" " " 28in. by 19in.		1 0	0 ,,
" 540.—Double Recessed 29in. by 17in.		1 2	6 ,,
32in, hy 20in		1 10	0 "

"DEAR SIR,—The Heating Apparatus has come to hand. I am very pleased with it. With thanks.—Yours faithfully,

J. L. BUCHANAN."

HORTICULTURAL PROVIDERS.

### Hot Water Appliances.



#### Soot Boxes and Plugs.

				3.	d.	
No. 541.—4in. by 4½in.	 		 	2	0 each	
6in. by $4\frac{1}{2}$ in.	 • • •	• • •	 	2	3 ,,	
9in. by 4½in.	 		 	3	0 ,,	
9in, by 6in,	 		 	3	6	

#### Dead and Flue Plates.

No. 542.	s.	d.	1	s. d.	
18in. by 6in. by ½i	n. 1	8 each.	48in. by 6in. by ½in.		
24in. by 6in. by ½i	n. 2	0 ,,	18in. by 9in. by ½in.		
30in. by 6in. by ½i			24in. by 9in. by ½in.	3 0	٠,
36in. by 6in. by $\frac{1}{2}$ i	n. 3	0 ,,	30in. by 9in. by §in.	<b>4</b> 0	22
42in. by 6in. by $\frac{1}{2}$ i			36in. by 9in. by §in. 6	3 0	33

#### Furnace Bars in Sets of Twelve.

WITH TWO BEARERS.

Nos. 543,	544.		£	s.	d.	1				£	s.	d.	
12in.		Per Set	0	5			27in.		Per Set	1	0	0	
14in.		• • • • •	0	7	0				12				
16in.		22	0	8	0				,,				
18in.		91	0	10	0		36in.		99	~	10	-	
21in.		19		12			42in.		"	-	0	_	
24in.			0	16	6		48in.	***	91	2	15	0	



No. 545.

### Flue Tops and Lids.

g.	đ.	s. d.	8.	d.	s.	d.	
6		8 0	10	0	12	6	each.

328

HORTICULTURAL PROVIDERS.

Hot Water Appliances-continued.







No. 547,



No. 548.



No. 549

#### Ornamental Cisterns and Covers.

								£	S.	d.	
No. 546.—12in.	long	, 7in.	wide,	12in.	deep	***	•••	0	6	6	each.
15in.	11	8in.	,,	15in.	.99			0	10	6	,,
19in.	11	10in.	,,	16in.	**	***		()	15	0	11
								1	0	0	11
30in.		15in.	11	20in.	49	2	7	1	15	0	*1
34in.						•••					22

### Plain Supply Cisterns and Covers.

							S.	d.	
No. 547.—12in.	long,	6in.	wide	e, 9in.	high	***	 3	0	each.
12in.	99	7in.	22	12in.	11	•••	 3	9	21
15in.	21	7in.	11	12in.	11	•••	 5	6	11
18in,	- 11	7in.	22	14in.	11	100	 7	6	11

#### Soot Doors and Frames.

					8.	d.	
No. 548.—5in. by 4in.	***			 	1	8 each	
6in. by 5in.	•••		• • •	 	2	0 ,,	
7in. by 5½in.		•••		 	2	3 ,,	
8in. by 6in.	•••			 	2	4 ,,	
10in. by 7in.		•••	***	 	2	9 ,,	
19in hy 81in					1	0	

#### Dampers and Frames.

								S.	d.
No. 549.— $6\frac{3}{4}$ in.	long by	5\in.	wide					2	0 each.
8in.	22	6in.	"		•••			2	3 ,,
9in.	"	7in.	2.7		•••			2	9 ,,
10in.	92	8in.	22		•••			3	6 ,,
llin.	99	9in.	22					4	3 ,,
12in.	"	9in.	22			* ( 4		5	0 .,
14½in.					***			6	
18in.	22	12in.	Impro	oved	with wi	de bea	ring	7	6 ,,

329

HORTICULTURAL PROVIDERS.



# Flow and Return Sockets Fixed on Boilers.

This Socket is specially adapted for use in cases where Boiler has to be kept up through water rising in stoke-hole.

2.01.0001										
		2in.		3i	n.		4	in.		
		s. d.		S.	d.		8.		~	
Flat		5 0		6	0		7	0	 per Soc	Ket.
Elbow	***	6 0		7	0		- 8	0	 . 11	
Angle		6 0		7	0		8	0	 11	
Drilling and tap		lers :-								
in.	∄in.		lin.		11i	n.		1⅓in.	2in.	
s. d.	s. d.		s. d.		8.	d.		s. d.	s. d.	
1 0	1 2		1 4		1	8		1 10	 2 0	per hol
Drilling and tap		mectic	ns for	air p	ines	or co	cks		 	5d. eac
The state of the s	bring our				Jin.			gin. '	lin.	
Drilling Cisterns			4.1		5d.			6d.	 8d.	per hol
										CONTRACTOR OF THE PARTY OF THE

### Air Cocks.

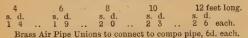
Brass.



No. 551

### Open Air Pipes.

With Brass Union attached.





No. 552.

### Indiarubber Ring Expander.

This Expander will be found of great assistance when fixing pipes, with India rubber rings, and effects a considerable saving in labour.



2	in.	3i	n.	4in.		
s.	d.	s.	d.	8.	d.	
1	3	 1	6	 2	0	each.

No. 553

The Indiarubber ring being rolled upon taper end of Expander, the opposite end is inserted in spigot end of pipe or connection and the ring rolled back upon pipe, by this method the ring is gradually and equally expanded, and at once assumes its proper position upon pipe.

Indiarubber Rings (round and square) for Socket and Expansion
Joints. Average number of Rings per lb.—8 4in., 12 5in., 16 2in.

Prepared Iron Cement, for Socket and Boiler Joints

See per cwt.

Iron Borings

Red and White Lead (Mixed) for Socket Joints

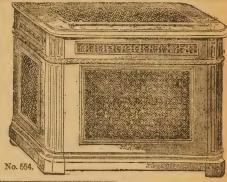
Red and White Caulking Yarn

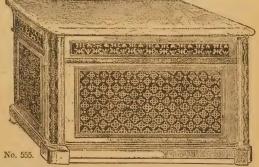
4d. per lb.

HORTICULTURAL PROVIDERS.







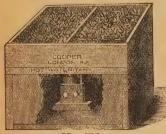


PRICE	* *CIPS 1					
	LIST.	No. 554 or 5	MARBLE TOPS, lin. thick, square edges.			
Inside Dimensions. L. D. H.	Coil Case without Top.	Cast Top for do.	Bronzing.	Black, Black Fossil, Victorian Red or Sicilian.	St. Ann's or Rouge.	Black Belgian.
36 by 9 by 36 30 by 12 by 36 48 by 12 by 36 48 by 15 by 36 54 by 12 by 36 54 by 15 by 36 60 by 15 by 36 60 by 15 by 36 60 by 15 by 36 60 by 15 by 36 72 by 12 by 36 72 by 12 by 36 72 by 15 by 36 80 by 15 by 36 80 by 15 by 36 16 by 15 by 36	£ s. d. 2 99 6 2 13 0 3 1 0 3 4 0 3 8 0 0 3 12 6 3 14 3 3 14 3 3 14 3 3 19 6 4 12 0 6 11 6	£ s. d. 0 10 6 0 12 9 0 16 3 0 18 6 0 18 6 1 0 3 1 1 0 3 1 3 6 1 3 6 1 7 6 1 17 6 1 17 6	£ s. d. 1 4 0 1 6 6 1 8 9 1 12 3 1 12 3 1 12 3 1 13 3 1 15 9	£ s. d. 0 16 9 1 1 0 1 6 0 1 11 3 1 18 3 1 14 0 1 11 7 6 2 5 5 0 2 11 9 2 9 6 3 9 0	£ s. d. 1 1 0 1 6 6 1 13 6 1 19 3 1 17 6 2 0 8 6 2 7 6 2 16 6 3 4 6 4 7 6	£ s. d. 1 5 3 1 11 9 9 2 7 9 2 4 3 2 13 0 2 8 3 2 18 3 2 18 0 3 19 6 3 16 0 5 5 9

o above O. G. edges per foot run..... 0 1 0 

HORTICULTURAL PROVIDERS.

### The "Rapid" Propagator.



No. 556.

The only perfect Propagator for Raising Plants from Seeds, Slips, or Cuttings.

This Propagator is the best and cheapest now before the public, and will be found especially serviceable to amateurs and gardeners who require to strike cuttings and raise seeds in a short space of time.

One of these Propagators will raise large quantities of plants in the spring, thus—to a great extent—dispensing with the necessity of striking cuttings in the autumn, it being well known that many cuttings fall victims to the frost and damp atmosphere so prevalent in this country. This method of propagating saves the trouble and annoyance resulting from the loss of so many plants in the winter time, and also makes it unnecessary to occupy so much space in storing a large quantity of autumn cuttings.

The Propagators are composed of an outside casing with hinged glazed sash on top. The bed or bottom is formed of a tank, in which a constant circulation of hot water is kept up by the heater (see illustration), the pots being plunged in a bed of cocoanut fibre refuse, which should be kept moist. It is heated by oil, one pint of which will last 30 hours. Packed and put on rail complete at the following respective prices:—

		£ s. a.
Lean-to shape	1ft. 8in, by 1ft. 6in,	1 1 0
	2ft. 1in. by 1ft. 10in	1 10 0
22 23	Act by Och	2 10 0
Span-Roof shape	4ft. by 4ft	4 10 0
		ation
Estimates	for larger sizes free on applic	auou.

### Imperial Black Varnish.



For Iron Fences, Wood Palings, Farm Buildings, Poultry Houses, &c.

18 gal. casks, 20s.; 36 gal. casks, 34s.; Casks included. Carefully packed on rail. Casks not returnable.

1 gal. 1s. 6d. (can 6d.); 5 gal. 5s. (can 2s.).

### WILLIAM COOPER, Limited,

Iborticultural Idroviders,

751, OLD KENT ROAD, LONDON, S.E.



# PRICE LIST

OF

# Horticultural Timber.

WELL-SEASONED

# RED & YELLOW DEAL,

&c., &c.

ESTIMATES FOR ALL KINDS OF HORTICULTURAL WORK ON APPLICATION.

All Timber consigned at the Cheap Timber Rate to all parts of the Country.



CORNER IN OUR TIMBER YARD.



A CORNER IN OUR MOULDING MILLS.

HORTICULTURAL PROVIDERS.



A CORNER IN OUR MOULDING MILLS.

# Horticultural Timber. Doors, Matching, Flooring, Unplaned Timber, &c,

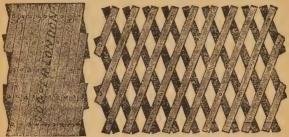
#### Sashbars.

1}in., 3s.		er 100f	t. run	; 3in.	by li	n., 5s.	6d.	per	106	ļt. 1	un.	
2in., 3s.		"		3in.	by 14i	n., 6s.	0d.		91			
$2\frac{1}{2}$ in., 5s.	0d.	19		3in.	by 1 1 i	in., 6s.	6d.		1	,		
	Hal	if-Gla	ss (	3ree	nhou	ıse	Do	or.	s.			
Ci FEL Ci-										s. 6	đ.	each.
Size 5ft. 6in.	Dy 21	n 0111.	·		***	•••	•••		• • •	7	0	
,, 6ft. by	210. 01				•••	•••			•••	•	U	23
		Ma	rgin	al Li	ight	Doo	r.					
" 6ft. 6in.	by 21	ft. 6in.				• • •			• • •	10	0	99
			Ve	ntila	itors							
Top or Side,	2ft. 6	in. by	2ft		•••	•••				1	6	11
			Mat	tchb	oaro	ls.	s.	d.				
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lin., ,,		"		99		•••	12	0		27		
14in., ,,		33		37			15	0		22		
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3in. by 2in.			• • •		• • •		1	9		91		
åin. by 3in.		• • • •	• • •		• • • •	• • • •	2	6		33		
lin. by 4in.		• • •	• • •	• • •	• • • •	•••	4	6		91		
lin. by 5in.		• • • •	• • • •	• • • •	• • • •		5	6		22		
2in. by 2in.	• • •	•••	• • • •	•••	***	• • • •	4	6		21		
2in. by 3in.	• • •	•••	•••	***	• • •		6 8	6		2.9		
2in. by 4in. 2in. by 5in.	***	***	***	*** .	•••		10	6		21		
2111. by 5111.	***	•••	•••		•••	•••	10	0		99		
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Feather-Edg Finials, Mac	e Boa	rds	***	***	++4		6			squa		
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Quadrants, v							10					
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Rim Locks, Nails, Best I						•••			per :			
Mails, Dest I		cial Q								LIJ.		
	Spe	cent Q	e o cur c e c	33		ge gu	10/01					

HORTICULTURAL PROVIDERS.

Horticultural Timber-continued.

Trellis Planed and Extended.

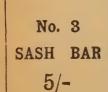


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Clos	P	d		
0100	~		•	

Open. No. 557.

Open.	8.	đ.	Open.	B.	d.
12ft. by 1½ft	2	0	12ft. by 3½ft	4	6
12ft. by 2ft	3	0	12ft. by 4ft	5	6
			12ft. by 5ft		
12ft. by 3ft	4	0	12ft. by 6ft	8	0

Sashbars, Purlins, Plate, Ridge, Rafters, Capping, Drip, etc., etc.



No. 20

#### **PURLINS**

- (a)  $2\frac{1}{2}$ -in. by  $2\frac{1}{2}$ -in. ... 10/-
- (b)  $2\frac{1}{2}$ -in. by 3-in. ... 11/-
- (c)  $2\frac{1}{2}$ -in. by  $3\frac{1}{2}$ -in. ... 12/6
- (d)  $2\frac{1}{2}$ -in. by 4-in. ... 14/-

Prices are calculated at per 100ft. run.

HORTICULTURAL PROVIDERS.

Horticultural Timber-continued.

No. 9 2-in.

SASH STYLE

6/3

### No. 22 PURLINS

- (a) 1½-in. by 1½-in. 5/-
- (b)  $1\frac{1}{2}$ -in. by 2-in. 5/6
- (e)  $1\frac{1}{2}$ -in. by  $2\frac{1}{3}$ -in. 6/6
- (d) 1½-in. by 3-in. 7/6

### No. 11

#### VENTILATOR STYLE

- (a)  $1\frac{1}{7}$ -in. by 2-in. ... 6/-
- (b)  $1\frac{1}{2}$ -in. by  $2\frac{1}{2}$ -in. ... 7/-
- (c)  $1\frac{1}{2}$ -in. by 3-in. ... 8/-

No. 1 SASH BAR 3/-

No. 2
SASH BAR
3/9

# No. 21 PURLINS

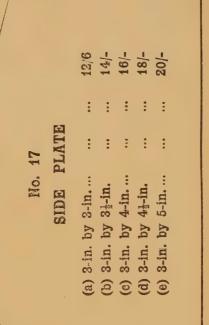
- (a) 2-in. by 2-in. 7/-
- (b) 2-in. by  $2\frac{1}{2}$ -in. 8/-
- (e) 2-in. by 3-in. 9/-
- (d) 2-in. by  $3\frac{1}{2}$ -in. 10/6

Prices are calculated at per 100ft. run.

339

HORTICULTURAL PROVIDERS.

Horticultural Timber-continued.



#### No. 14

(a)  $1\frac{1}{4}$  by  $3\frac{1}{2}$ —7/-

(d)  $1\frac{1}{2}$  by  $3\frac{1}{2} - 8/6$ 

(b)  $1\frac{1}{4}$  by 4-8/-

CAP

(e)  $1\frac{1}{3}$  by 4 - 9/6

(c)  $1\frac{1}{4}$  by  $4\frac{1}{2}-9/-$ 

(f)  $1\frac{1}{2}$  by  $4\frac{1}{2}$ —10/6

Prices are calculated at per 100ft. run.

Horticultural Timber-continued. No. 5 No. 4 STRENGTHENING 3-in. SASH BAR or (a) 1-in. thick 5/6 DIVISION RAFTER (b) 1\frac{1}{4}-in. ,, 6/-8/6 (c)  $1\frac{1}{2}$ -in. ... 6/6 No. 10

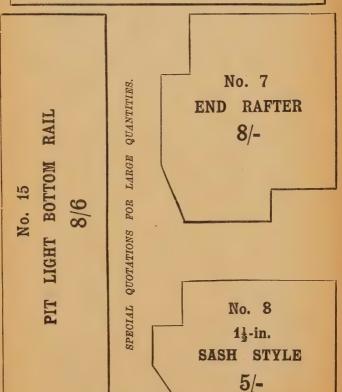
WENTILATOR TOP RAIL

(a) 1½-in. by 2½-in. ... 6/
(b) 1½-in. by 2½-in. ... 7/
(c) 1½-in. by 3-in. ... 8/-Prices are calculated at per 100ft. run.

Horticultural Timber-continued.

## No. 16 VENTILATOR BOTTOM RAIL or DRIP

- (a) 3-in. 3/6
- (c) 4-in. 4/6
- (b)  $3\frac{1}{2}$ -in. 4/-
- (d)  $4\frac{1}{2}$ -in. 5/-



Prices are calculated at per 100ft. run.

Horticultural Timber -continued. No. 14 SPECIAL END RAFTER QUOTATIONS FOR LARGE 12/-QUANTITIES. Soc S No. 6 STRENGTHENING Or DIVISION RAFTER Prices are calculated 12/at per 100ft. run.

HORTICULTURAL PROVIDERS.

Horticultural Timber-continued.

### No. 18

#### END PLATE

(a)	3-in.	by	3-in	***	***	12/6
(b)	3-in.	by	$3\frac{1}{2}$ -in.	•••	•••	14/-
(0)	2 in	hvr	A :			461

(d) 3-in. by  $4\frac{1}{2}$ -in. ... 18/-

(e) 3-in. by 5-in. ... ... 20/-

### No. 19 PURLINS

(a)	3-in.	by	3-in.	*60	12/6

(b) 3-in. by  $3\frac{1}{2}$ -in. ... 14/-

(c) 3-in. by 4-in. ... 16/-

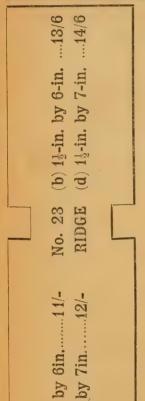
(d) 3-in. by 4\frac{1}{2}-in. ... 18/-

Special Quotations for Large Quantities.

Prices are calculated at per 100ft. run.

HORTICULTURAL PROVIDERS.

Horticultural Timber - continued.



(a) 14-in. (c) 14-in.

No. 13
PIT LIGHT TOP RAIL
9/-

Prices are calculated at per 100ft. run.

The foregoing Prices are for good, sound, well-seasoned Yellow Deal.

ESTIMATES FOR ALL KINDS OF HOR-TICULTURAL WORK ON APPLICATION, FREE OF COST.

Quotations for any size will be forwarded on application.

For large quantities Special Prices will be quoted.

All Timber consigned at the Cheap Timber Rate to all parts of the country.

Materials required for Building Span Roof Cucumber House, 100ft. by 12ft., as Illustration.



### SPECIFICATION.

Good, sound, well-seasoned timbers, all planed, rabbeted, &c., ready for use. Ends, Door, and Ventilators made. Any handy man can erect. Any alteration can be made to suit any size house at a corresponding alteration in price.

> 1 pair Ends (made), as illustration, 105ft. 1\frac{1}{1}in. by 6in. Ridge, 105ft. 1in. by 4in. Capping, 230ft. 3in. by 3\frac{1}{2}in. Plate, 210ft. \frac{2}{3}in. by 3in. Drip, 120-8ft. 1\frac{1}{2}in. by 3in. Bars,

15 Ventilators, about 4ft. by 2ft.,
15 do. Seats, about 60ft.
1 Door, 6ft. by 2ft. 6in.

#### PACKED FREE ON RAIL FOR THE SUM OF £10 10s.

When two or more Houses are required for building in one block Centre Gutters will be supplied at same price. Special quotation for Glass, Paint, and Heating Apparatus; also for erecting in any part free on application.

"Dear Sir,—The Timber for Cucumber House arrived last evening, and am well pleased with quality of same. Kindly quote your lowest price for 2loz. glass to glaze structure, and oblige, yours faithfully,

W. HIGNETT."

HORTICULTURAL PROVIDERS.

# Glass! Glass! Glass! 10,000 BOXES TO SELECT FROM.

	15oz. 100ft.	21oz. 100ft.	15oz. 200ft.	21oz. 200ft.		
4ths.	13/-	14/6	25/-	28/-		
3rds.	14/-	15/6	27/-	30/-		
THE	FOLLOWING	IS A LIST OF SI	ZES ALWAYS IN	STOCK.		
8 by 6	11 by 10	18 by 10 20 b	y 12 18 by 14	24 by 16		
9 by 7	12 by 10	13 by 11 22 b	y 12 20 by 14	20 by 18		

10 by 8 13 by 10 18 by 11 24 by 12 22 by 14 22 by 18 12 by 8 14 by 10 14 by 12 17 by 13 24 by 14 24 by 18 12 by 9 15 by 10 16 by 12 20 by 13 20 by 15 13 by 9 16 by 10 18 by 12 16 by 14 20 by 16

Glass cut to any size required, 15oz., 2½d. per ft.; 21oz., 3½d. per ft. Large size for cutting up, 15oz., per case 300ft., 33/-; 21oz. per case 200ft., 33/-. All Glass is cut and packed in own warehouse.

Quality of glass and careful packing guaranteed.

### Special Quotations given for Large Quantities. Have Cash Estimate from us before ordering elsewhere.

Putty prepared especially for Greenhouse work, best 7s. 6d. per cwt.; packages 6d. per cwt.

Paint, quality guaranteed, 7lb. 3s., 14lb. 5s. 6d., 28lb. 10s., 56lb. 18s. per cwt. 34s. Prices quoted are subject to market fluctuations.

### Garden Lights.



Dooked on wil at the following respective prices !-

	Packed	on ran at th	6 forman	ig respec	cive prices.—	
	UNG	GLAZED LI	GHTS.	LIC	GHTS GLAZED	
	Each.	Per doz.	Per 100	. Ea	ich. Per doz.	Per 100.
	s. d.	8. d.	£ s. (	. 8.	d. £ s. d.	£ s. d.
6ft. by 4ft.		31 0	11 10	9	0 5 0 0	37 10 0
bft. by 3ft. 6in.	2 9 2 6	28 0	10 10	7	6 4 5 0 0 3 7 6	32 0 0
4ft. by 3ft.	2 3	25 0		6	0 3 7 6	25 15 0
3ft by 2ft.	1 6	16 6	6 5	) 4	0 2 5 0	17 0 0
010 0, 220		20 0		Each.	Per doz.	Per 100.
				s. d.	£ s, d,	£ s, d,
	***	) 6ft. by 4	ft.	6 0	3 7 6	25 15 0
Unglazed Light		5ft. by 3		5 0	2 16 0	21 0 0
sufficient 2102		4ft. by 3		4 0	2 5 0	17 0 0
to glaze same.		3ft. by 2		2 6	1 8 0	10 10 0

Special strong Market Gardener's Light, for rough use, 3in, by 2in, stiles with iron bar, 6ft, by 4ft, 4s, 6d, each, unglazed.



A CORNER IN OUR GLASS DEPARTMENT.

### WILLIAM COOPER, Limited,

Horticultural Providers,

751, OLD KENT ROAD, LONDON, S.E.

SECTION IX.





rice List

OF

# Horticultural Manures, **FERTILIZERS**,

Insecticides, Worm Destroyers,

WEED DESTROYERS, SUNSHADES, Peats, &c., &c.

WE have great pleasure in submitting to you our Revised Prices of Horticultural Manures, Sundries, &c., which will be found greatly reduced in prices, and, if tried, far superior to any other make. We have taken great pains in blending the various Manures to insure success, and they are now commanding a very great sale all over the Kingdom.

The system we have adopted enables our Manures to come within the reach of all classes, well knowing how essential it is to have a good Fertilizer for the production of strong, healthy plants and good bloom, and if our instructions are strictly adhered to they cannot fail to give satisfaction.

Da A. B. GRIFFITHS, F.R.S.E., F.C.S.

Analytical Chemist and Assayer; Consulting Chemist to National Amaleur Gardeners Association; Lecturer on Chemistry, Botany, etc. 82, KNOWLE ROAD, BRIXTON, LONDON.

I hereby certify that I have made a careful examination of the horticultural. Manures supplied by Mr. William Cooper. They are undoubtedly Jirst-class plant-foods for wegetables, flowers, and Just trees.

A.B. Griffitho, Ph.D., 7.R.S.E., 7.C.S., Author of "A Treatise on Manures", "The Diseases of Crops", "Manures, and their Uses," etc.

HORTICULTURAL PROVIDERS.

### William Cooper's General **Fertilizer**

FLORISTS, GARDENERS, AND AMATEURS.

This high-class Manure is strongly recommended, and for all kinds of Flowers, Fruit Trees, and Vegetables will be found invaluable, both for improving and increasing the Produce. Suitable for all Crops—Potatoes, Kitchen Garden Produce, Vine, Fruit Trees, Roses, Pot Plants, etc., etc.

Tins, 4d., post free 7d.; 7lb. Bags, 1s. 6d.; 14lb. Bags, 2s. 3d.; 28lb., 4s.; ½cwt., 7s.; 1cwt., 13s.

Directions for use with each package.

### William Cooper's Chrysanthemum Powdered Manure.

This Manure, on its own merits, has come rapidly into extensive use. The materials it is composed of are of the highest manurial value, and so balanced as to combine immediate with lasting effects. It is a safe and certain Manure for Chrysanthemums.

Used by most of the leading Gardeners throughout the

Country.

DIRECTIONS FOR USE.

FOR ORDINARY USE.—Every alternate watering, dissolve one ounce in a basin of hot water, and then mix the solution in three gallons of soft water; keep stirred, and apply slowly till the soil in the pots is well soaked.

FOR BEDDING AND OUTSIDE PLANTS use the same solution, after

previously soaking the soil around the plants with clear water.

FOR EXTRA STRENGTH .- For Fruiting or Flowering Plants, as Tomatoes, Roses, Chrysanthemums, etc., use one ounce to two gallons of water.

PRICES: Tins, 6d., post free 9d.; 7lb. bags, 2s. 6d.; 14lb. bags, 4s. 6d.; 28lb. bags, 7s.; ½cwt. bags, 13s.; 1cwt. bags, 24s., on Rail.

Every practical Gardener always has a bag in store. Amateur Gardener should be without it. An indispensable Manure to both Professional and Amateur Exhibitors. best Chrysanthemum Fertilizer extant.

HORTICULTURAL PROVIDERS.

### William Cooper's Insecticide

Is the Most Effective, the Safest, and the Cheapest Insect Destroyer.

One gallon of this Insecticide will make 200 gallons of efficient wash.

#### DIRECTIONS FOR USE.

Always shake the bottle before pouring out any of the contents. Use soft water only to dilute the Insecticide.

Strength of Solution.—For very tender succulent plants, ½ fluid ounce of Insecticide in 1 gallon water, or 1 teaspoonful in 2 pints. For less tender plants ¼ ounce to 1 gallon, or 1 teaspoonful to 1½ pints. For more hardy plants, 1 cunce to 1 gallon, or 1 teaspoonful to 1 pint. When the latter strength is exceeded it is well to proceed with caution, although many plants will be uninjured by a solution of 4 cunces to the gallon, a much weaker solution is fatal to most insect pests. In the case of scale and mealy-bug, however, the solution should be made rather stronger—1½ to 2 cunces to the gallon, or more if the plant will bear it; and water at a temperature of about 80 deg. Fahr. should be used. Tender plants should always be well syringed with clean water about fifteen minutes after this solution has been applied.

When the Insecticide is to be applied by syringing, it will be found an advantage to dissolve some soft scap in the water before adding the Insecticide. This will make it wet the leaves and insects more thoroughly.

				Prices.		Charge for and Casks.
1/2	gallon	can	3a. 0d.		444	6d.
1	22	49 1	5s. 0d.	444	***	6d.
5	19	29 .	4s. 9d.	per gal.	***	2s.
10	. 99	19	4s. 6d.	**	814	48.
20	39	cask	4s. 3d.		***	48.
40	- 29	11	4s. 0d.		•••	ba.
			Price	for large	quantities.	

Cooper's Insecticide is death to Green Fly, Mealy Bug, American Blight,
Thrip, Red Spider, and other Greenhouse Pests.

The Gardener's friend for syringing, sponging, or dipping. Highly recommended for Vines, Fruit Trees, and all other plants.

### William Cooper's Mealy Bug Destroyer

For the special eradication of this most troublesome of Stovehouse Plant Pests. It is easily applied, either with a small brush or vaporizer; is instant destruction to both insect or ova, and does not stain or injure the foliage.

In Bottles, 6d., 1s., 2s. 6d., and 5s.; \(\frac{1}{2}\) gallon, 16s.; 1 gallon, 30s.

HORTICULTURAL PROVIDERS.

### William Cooper's Nicocide Wash.

For Syringing, Spraying, or Dipping.

Nothing to equal it on the market. The best Insecticide yet manufactured. Clean, Sure, Certain. Death to all insect life on plant or fruit trees; one dressing sufficient.

Pint, 1s. 6d.; quart, 2s. 6d.; half-gallon, 4s.; gallon, 7s. 6d.; 5 gallons, £1 15s. Cans included.

Directions for use—loz. to 1 gallon of water.

### Tanned Garden Netting.

For protecting Fruit Trees, Flower Beds, &c., &c.

1yd. wide, 3s. 9d. per 100 sq. yds. 2yds. wide, 7s. per 100 sq. yds. 3yds. wide, 10s. 9d. per 100 sq. yds.

# Fumicide — William Cooper's Vaporizing Compound.

For killing all kinds of Insects on plants in frames and greenhouses. The most effective method of fumigating ever manufactured. Easy to use. Perfectly safe. Success guaranteed. Will destroy Green and Black Fly, Thrip, Mealy Bug, Red Spider, &c., and is absolutely certain death to all Insect Pests. It will not damage the most tender plants. Cooper's Fumicide is sold in bottles.

No.	1	Size		containing	suffic	ient	for		cubic feet		post free.
2.9	2	22	40Z.	12		1.5		8,000	23	2s. 6d.	9.9
3.9	3	2.2	6oz.	9.9		19		12,000	2.2	3s, 6d.	9.7
2.9	4	91	pint	11		9.9		20,000	2.7	6s. 11s.	19
2.2	6	22	1 pint	3.9		. 23		80,000	,,	219	**

Fumigators suitable for using above, large enough for 5,000 cubic feet, Is. 6d. each, post free.

Directions for use.—Close all doors, ventilators, &c., light the lamp, and place the cup containing the compound over it; then leave the house. The lamp will go out shortly after the compound has evaporated. For large houses use one Fumigator for every 5,000 cubic feet.

N.B.—Beware of Imitations. See that all LABELS on Cans, Tins. and Bottles bear this Signature, without which none are genuine.

A CoSpier

# William Cooper's Soap for Plants.

# JUST THE THING THAT HAS BEEN WANTED.

By simply using the Soap with water and sponging the foliage, it destroys all insects, parasites, and fungus which infest plants, and gives the foliage a healthy and glossy

For room plants such as Palms, Aspidistras, Grevilleas, &c., &c., by washing them occasionally with this Soap, it will preserve and keep them in a healthy condition for a remarkably long time.

appearance.

# This is a Cheap and Reliable Insecticide.

Made in alb. Tablets.

11b., 1s. 31b., 2s. 6d. 71b., 5s. post free. 281b., 14s. 561b., £1 7s. 6d. Cwt., £2 10s.

Used by most of the Leading Nurserymen throughout the Kingdom.

# William Cooper's Unrivalled Weed Destroyer,

THE BEST AND CHEAPEST WEED KILLER IN EXISTENCE.

Maintains its superiority over all rivals for permanently destroying vegetation on Walks, Carriage Drives, Railway Stations, Ash Tennis Courts, Stonework grown green, &c., &c.

Used at Kew Gardens, Royal Horticultural Gardens, &c., &c.

COMPLETE SATISFACTION GUARANTEED to all using WEED KILLER bearing our TRADE MARK, without which none is genuine. REFUSE IMITATIONS. It will keep the weeds away for the whole season. May be applied with an ordinary watering can.

One Gallon as sold makes 25 Gallons for use, and is sufficient to treat 80 to 100 square yards.

Saves many times its cost in labour, and eradicates the weeds far more thoroughly than any hand-weeding.

Charge for Cans and Casks.

1	Gallon		 1s.	6d. Can.
5	22	***	 11d. per gallon	2s. ,,
10	12	***	 10d. "	4s
20	99	***	 9d. "	4s. Cask.
40	22		 8d. "	5s. ,,

Cans and Casks charged for at cost price, and are not returnable.

#### DIRECTIONS FOR USE.

The Weed Killer should be used in the evening, or early morning, when the weather is fine and settled. Each gallon should be well mixed with 25 gallons of water and applied with an ordinary watering can, sufficient being sprinkled to reach the roots of the weeds. To eradicate Dandelions, Plaintain, and lawn Weeds, apply a few drops of the mixture upon the centre of each plant.

SPECIAL CAUTION.—The Weed Killer is a poison and watering cans

must be well rinsed after use.

This very successful Weed Killer proved to be most reliable (20 per cent. saved in labour). It is highly concentrated and lasting in its effect, is now largely used in the Royal Parks, Gardens, and Estates in the United Kingdom.

"IT BRIGHTENS THE GRAVEL WALKS."

#### William Cooper's Lawn Sand.

For destroying Daisies, Dandelions, and all Weeds on Lawns, and improving the growth and colour of the Grass.

In Tins, 6d., post free 9d.; 7lb. Bags, 2s. 6d.; 14lb. Bags, 4s. 6d.; 28lb. Bags, 7s.

HORTICULTURAL PROVIDERS.

### William Cooper's Sunshade

#### SUPERSEDES ALL OTHER PREPARATIONS OF THE KIND.

The cheapest, most efficient, and convenient preparation for Shading Greenhouses, Conservatories, Glass Roofs, and Windows of all descriptions. It is applied cold—an enormous advantage over preparations requiring to be used whilst hot. May be used either inside or outside, and produces a pleasing effect. Is not washed off by rain, but can be instantly removed when desired by rubbing over with a brush whilst it is wet. Made in various colours—White, Pale Blue, and Pale Green.

#### DIRECTIONS FOR USE.

Mix the powder thoroughly with a little cold water till it is about the consistency of cream, then for each 1lb. of Powder used add 3 pints boiling water (it must be quite boiling or the mixture will be useless), stirring the mixture whilst you pour it in. Allow the mixture to cool. Again thoroughly stir, and apply with a suitable soft brush. It may either be spread smoothly and evenly over the glass, or "stippled," as it is called, by going over the freshly-painted surface with a flat brush, dabbing it carefully and evenly with the points of the bristles, so as to produce a frosted appearance. The effects of the work can be best seen from the inside of the house. If any part of it is unsatisfactory, wash it off, and go over it again when the glass is dry. The Shading should be applied in fine weather, and the glass should be clean and dry when it is put on.

#### Prices, in Tins.

1lb., 6d., post free, 9d.; 2lb., 1s., post free, 1s. 5d.; 7lb., 3s. 6d.; 14lb., 6s. 6d.; 28lb., 12s. 6d.; 56lb., 24s.; 112lb., 45s., on Rail.

#### Cooper's Disinfectas.

Cheap, Clean, and Healthy. The best Disinfectant for Stables, Poultry Houses, &c. Try it. Per sack (2-bushel), 2s. 6d., sack included; 10 for 22s. 6d.

HORTICULTURAL PROVIDERS.

### Certain Death to Insect Pests.

## William Cooper's Fumigating Insecticide.

Destroys all insects infesting plants without injury to the Foliage, Fruit, or Flowers. Will be found to be the best and cheapest article yet introduced.

Two or three of these suspended by a wire under a greenhouse stage and lighted at each end, will quickly settle the accounts of the green fly and thrips, and that with comparatively little trouble; indeed, if a quantity of these are kept in readiness, a few plants may be put into a pit or small room and be cleaned; at least, have their insect pests destroyed in a very short time. When once lighted will burn till finished without further attention.

#### SUCCESS GUARANTEED.

3d. each; 6 for 1s. 6d.; 2s. 9d. per doz.; 6 doz. 15s.; 28s. per gross.

Postage extra.

### William Cooper's Worm Destroyer.

INVALUABLE for destroying Worms on TENNIS COURTS, CRICKET GROUNDS, BOWLING GREENS, and LAWNS, or removing them from the roots of Plants in Pots. The most certain, swift, economical, and safe remedy yet introduced. Will not injure the grass or the most delicate plant.

DIRECTIONS FOR USE.

Mix 2oz. of the Solution with 1 gallon of water, or in larger quantities, 1 pint with 10 gallons (= 1 in 80), and apply to the Lawn with an ordinary watering can in sufficient quantities to fairly saturate the ground. The worms will immediately come to the surface, and may be gathered into pails, or left to die and swept up with a broom. It is best applied in the evening when the ground is moist and the worms near the surface.

NOTICE.—This preparation is a POISON, and Poultry should not be allowed to eat the worms destroyed by it. The vessels in which it has been should be thoroughly washed after use.

Prices: In Bottles, 1 pint, 1s.; 1 quart, 1s. 6d.; ½ gallon, 2s. 6d. Can 6d.: 1 gallon, 4s., Can 8d.; 5 gallons, 3s. per gallon, Can 2s.

#### Silver Sand.

Small quantities on rail, London. Bags included. Single tons on rail, London. on rail at Pit.
Bags included. Per ton loose.

Special offer. 2 trucks on rail at pit, each containing 4 tons Loose Sand, one Fine and one Coarse, £2 10s. the lot; 1 truck, £17s. 6d.

HORTICULTURAL PROVIDERS.

# Cooper's Wonderful New Mushroom Spawn.

Complete satisfaction guaranteed to all using this brand of Spawn. The finest and most excellent quality procurable. Fresh and productive of abundant crops of Superior and Fleshy Mushrooms.

1 Bushel—16 Bricks ... ... ... 3s. 0 8 Bushels and upwards at 2s. 6d. per Bushel.

#### INSTRUCTIONS.



Mushrooms may be grown in a warm cellar or shed in winter, or in the open air in summer. Take partially dry, fresh horse manure and lay it in a heap to ferment, turn and mix it well every few days, and when well and equally fermented, which will be in from ten to fifteen days, it may be made into a bed four feet wide, and about two feet deep, mixing it well together and beating or treading it firmly. As soon as the temperature of the bed falls from 75 to 50 deg. the spawn may be inserted in

pieces about the size of a walnut, about 2in. deep, and 6in. apart. Cover with loamy soil about 2in. deep, and beat it down evenly and firmly, placing a Garden Mat over the bed. Water when necessary with lukewarm water, and expect Mushrooms in from four to six weeks.

### Manures, Various, &c., Bags Included.

Soft Soap, ½ firkin, 6s. 6d.; 1 firkin, 12s.
Quassia Chips, 3d. per lb.
Hellebore Powder, 7d. per lb.
Lemon Oil, 1s. 2d. & 2s. per bottle;
½ gallon, 4s.; 1 gallon, 7s. 6d.
Grafting Wax, 9d. and 1s. 6d. per tin.
Yellow Sulphur (Best), 16s. per cwt.
Bones. ½in., 8s. 6d. per cwt.
Bone Flour, 10s. per cwt.
Bone Meal, 9s. per cwt.
Peruvian Guano, 15s. 6d. per cwt.
Horn and Hoof Parings, 17s. 6d. per cwt.

Nitrate of Soda, 15s. per cwt. Sulphate of Ammonia, 16s. per cwt.

Sulphate of Potash, 18s. per cwt. Kainit, 5s. per cwt.

Superphosphate, 6s. per cwt.
Pure Dry Blood, 12s. per cwt.
Charcoal, Nuts or Fine, 2s. 6d. per
sack; six for 13s.; ten for 20s.

Birch Brooms, 4s. 6d. per doz. Shell Shingle, 2-cwt. bags, 5s. Salt, 2s. 6d. per cwt.; 40s. per ton in truck.

Sphagnum Moss, Fresh, 7s. per sack.

### William Cooper's Zinc Label Ink.

For writing an indelible black on Zinc Labels, warranted to withstand the action of all weathers. In Bottles, 1s. post free.

HORTICULTURAL PROVIDERS.

### William Cooper's Flower Cement.

The best of its kind for fixing the Petals of Flowers; for Bouquets, Headdresses, Vases, Church, Table, or Ball Decorations. It drys quickly, and preserves the Flowers without staining or injuring them.

In Bottles, 6d. and 1s., each. | Half Gallon Tins, 8s. each. | Quart Tins, 4s. 6d. ", One Gallon ", 15s. ",

#### William Cooper's Beetle Powder.

For destroying Beetles, Cockroaches, Crickets, &c. Tins 6d., 1s., 2s. 6d., and 5s. each.

#### William Cooper's Nicotine Soap.

Effectually eradicates all Insect Pests without injury to foliage.

Price 1s. 3d., 2s. 9d., and 5s. per packet; 14lb. 12s. 6d.; 28lb. 23s.

### William Cooper's Mildew Composition.

The Original, Certain, and Safe Remedy. In Bottles; 1s. 3d. and 2s. 6d.; per Gallon, 10s.

#### Virgin Cork.

For Ferneries, Window Boxes, &c., &c.



Best Quality only, 112lb. 16s.; 56lb. 8s. 6d.; 28lb. 4s. 6d.; 14lb. 2s. 6d.

HORTICULTURAL PROVIDERS.

# William Cooper's Prepared Compost for Potting Bulbs.

SPECIALLY PREPARED.
2s. 6d. per Sack: 6 for 14s.: 10 for £1 2s. 6d.

# William Cooper's Leaf Soil, Beech and Oak, Well Decayed.

3s. per sack; 6 for 17s.; 10 for £1 7s. 6d.

# William Cooper's Wasp Destroyer.

Has stood many years' test as the only effectual protection for Fruit Trees, etc., from Wasps and Flies.

PRICES: 1s. 3d. and 2s. 3d. per Bottle, post free.

# William Cooper's Extra Special Manure.

THE WELL-KNOWN LAWN-TENNIS MANURE.

This Fertilizer speedily invigorates and propagates the growth of Grasses and Clovers. It also eradicates moss and weeds.

DIRECTIONS FOR USE.—To moving Grass, Pasture, and Lawns, apply about 4lb. per 12 square yards, distributed broadcast, in the autumn or early spring, in *showery* weather. If seed is to be sown, it should be applied a week or two after the manure—not with it.

It is useless to distribute the manure on long grass, as it does not then reach the roots. A slight sprinkling of fine soil over the scattered

manure on a lawn will prevent any smell.

Prices: Tins, 6d., post free 9d.; 7lb. bags, 2s. 6d.; 14lb. bags, 4s. 6d.; 28lb., 6s. 6d.; ½ewt., 12s.; 1ewt., £1 1s., on Rail.

### Tobacco Paper.

This Paper is specially prepared by us of the Best Tobacco Juice, and does not require a Fumigator. By merely making a roll and suspending in house or frame, and then igniting both ends, it will cause a great smoke, and destroy all insects.

1lb., 6d., post free 9d.; 2lb., 1s., post free 1s. 5d. 7lb., 3s. 6d.; 14lb., 6s. 6d.; 28lb., 12s. 6d.; 56lb., 24s.; 112lb., 45s., on Rail.

HORTICULTURAL PROVIDERS.

# William Cooper's Original Celebrated Orchid Peat.

ALL RICH BROWN PURE BRACKEN FIBRE.

SELECTED IN TURVES, with Dust and Roots taken out.
6s. per Sack; 5 for 28s.

Especially prepared ready for use, all pure Fibre, no waste whatever. 10s. per Sack; 5 for 45s.

# William Cooper's Best Brown Fibrous Peat.

FOR HARDWOOD AND STOVE PLANTS.

4s. per Sack; 6 for 22s.; 10 for 33s.

Special quotations for Truck Loads, F.O.R.

#### William Cooper's Good General Peat.

FOR FERNS, &c.

2s. 6d. per Sack; 6 for 14s.; 10 for £1 2s. 6d. Special quotations for Truck Loads, F.O.R.

#### William Cooper's Rhododendron Peat.

2s. 6d. per Sack; 6 for 14s.; 10 for £1 2s. 6d. Special quotations for Truck Loads, F.O.R.

# William Cooper's Rich Brown Loose Peat.

Of the very best quality. All waste extracted. Ready for use 2s. 6d. per Sack; 6 for 14s.; 10 for £1 2s. 6d. Special quotations for Truck Loads, F.O.R.

#### William Cooper's Loam-Surrey.

Splendid Quality, full of Yellow Fibre. 2s. 6d. per Sack; 6 for 13s.; 10 for 20s. Special quotations for Truck Loads, F.O.R.

#### William Cooper's General Potting Compost.

SPECIALLY PREPARED.

2s. 6d. per Sack; 6 for 14s.; 10 for £1 2s. 6d.

HORTICULTURAL PROVIDERS.

# William Cooper's Chrysanthemum Compost.

SPECIALLY PREPARED.
3s. per Sack; 6 for 17s.; 10 for £1 7s. 6d.

# William Cooper's Prepared Compost for Potting Ferns.

SPECIALLY PREPARED.
2s. 6d. per Sack; 6 for 14s.; 10 for £1 2s. 6d.

#### Flower Pots.

2in., 4s.; 3in., 5s.; 4in., 6s.; 5in., 7s.; 6in., 10s.; 7in., 20s.; 8in., 40s. per 100.

SPECIAL LOTS FOR AMATEURS.

12—8in., 20—6in., 50—5in., 50—4in., 50—3in., packed in cases and put on rail, 10s. Special quotations for large quantities.

Nurserymen and the Trade Supplied.

The Vast Superiority of the Original

#### Horticultural Anthracite

over every other description of Coal or Coke for Horticultural purposes is now being rapidly recognised. Entirely without Smoke. Delivered by rail to all parts with despatch DIRECT FROM COLLIERY. Used by all the leading Nurserymen in Great Britain.

Quotations Carriage Paid to any Station by return post.

#### Peat Moss Litter.

Direct as imported, Best Quality. The Best and Cheapest Bedding for Horses, Cattle, and Poultry, £2 per ton. Free on Rail in London. Special Quotations given. Delivered Carriage Free in 2 and 4 ton lots to any Station. Sample Bales, 5s. 6d. each; per Sack, 2s.

#### William Cooper's Special Manure

(OUR OWN MANUFACTURE).

#### Potato Manure.

A Boon to Intending Exhibitors for Prizes.

Prices: 14lb. bags, 3s. 6d.; ½cwt. bags, 9s.; 1cwt. bags, 16s.

HORTICULTURAL PROVIDERS.

#### Best Cocoa-Nut Fibre Refuse

(Fresh and Clean).

9d. per Sack; 10 Sacks, 15s.; 15 Sacks, 21s.; 20 Sacks, £1 7s. 6d.; 30 Sacks, £2 2s. Sacks included. Truck, loose,

free on Rail at Works, over 2 tons, £3 10s.

MOISTENS IN HEAT. HOLDS HEAT IN WINTER. Invaluable for POTTING, PLANTING, FORCING, DECORATING; and used on STRAWBERRY BEDS is preferable to straw, keeping the Fruit clear from grit, and at the same time nourishing the Plants. For lightening heavy soils it is particularly useful, and when the soil is light and dry it is of great advantage as a mulch. All slugs and insects are destroyed by its use.

Russia Mats.

Tobacco Juice.

Duty free. Especially produced from strong American Leaf Tobacco. One gallon contains the strength of 40oz. of tobacco, and will bear diluting with from four to eight parts of water.

In bottles, 1s., and 2s 6d. each; or in casks of 10 gallons and

upwards, at 2s 3d. per gallon.

Bamboo Canes.

Very durable for staking plants, 4tt. long, 3s. per 100. £1 7s. 6d. per 1000. 5ft., 6s. per 100; 6ft., 7s. 6d. per 100; 7ft., 9s. 6d. per 100.

Special Offer: Our Popular 5s. bundle 150 bamboos.

Assorted sizes from 2ft. to 7ft.

#### Raffia.

For Garden Tying. Best quality.
11b. 9d.; 2lb. 1s. 4d. 3lb. 2s.; 7lb. 4s.; 14lb. 7s. 6d.;
28lb. 13s. 9d.; 56lb. 26s. 6d. Postage extra.

#### William Cooper's Dubbin.

Keeps Boots dry and soft on wet ground.

Boxes 6d. and 1s.

N.B.—Beware of Imitations.

See that all LABELS on
Cans, Tins, and Bottles
bear the Signature,

M.Co Spies

Without which none are genuine.

HORTICULTURAL PROVIDERS.

#### Cooper's Fluid Salts.

A highly concentrated form of an Effective, Simple, Safe, and Cheap Disinfectant. Non-poisonous. They are powerfully astringent, being rich in oxygen, which is the secret of their antiseptic value.

Before use it must be diluted with water in proportions as given below:—

For general use as a purifier for sick rooms, workshops, school-rooms, stable-yards, &c.—One tablespoonful to one gallon of water; to stand in open vessel or sprinkle about.

For water-closets, urinals, drains, sinks, sewers, cesspools, &c.— Two tablespoonfuls to one gallon of water. Either flush, pour over the surface of the soil and path, or use through a rosespouted can or garden syringe; any offensive smell will be at once removed.

For the bath.—One tablespoonful to three gallons of water will remove all impurities, invigorate the nerves, and afford a bracing effect to the system. Tender feet should be treated with a larger quantity.

For gargle and mouth-wash.—A few drops in a half-tumbler of water; it sweetens the mouth and breath, and cleanses the palate; purifies, and prevents tartar.

Mix a few drops with all water used for scrubbing floors, washing plates and dishes, saucepans, paintwork, &c.

#### PRICES.

1gal. 7s. 6d.; 2gals. 14s.; 3gals. 20s.; 5gals. 30s. Cans free.

#### Veterinary Uses of Cooper's Fluid Salts.

Glanders.—Two tablespoonfuls to a pint of warm water; syringe the nostrils; repeat at intervals of two hours.

Cow Pox.—One tablespoonful to a pint of water may be given internally; when eruption of the udder sets in, bathe or syringe the udder with the Salt, two tablespoonfuls to a quart of warm water.

Foot and Mouth Disease.—Use the Salts freely in this disease; wash the animal's mouth out frequently with two tablespoonfuls to a pint of cold water; syringe or bathe the eruption with nine parts of fluid Salt to one of warm water.

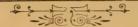
Sores of all kinds, abscess, canker, thrush, ulceration, broken knees, galled backs, chafed shoulders, mange in dogs and cats, &c., should be treated with the Salts; bathe or spray, three tablespoonfuls of fluid to a pint of warm water.

#### WILLIAM COOPER, Limited,

Borticultural Providers,

751, OLD KENT ROAD, LONDON, S.E.

# Section X.

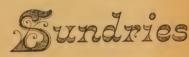




OF

# Horticultural





AND

#### GARDEN REQUISITES,

INCLUDING

Garden Vases, Wire Work, Rollers, Thermometers, Lawn Mowers, Fountains, Water Barrows and Cans, Pruners,

Garden Tools, Garden Hose and Fittings, Corn Bins, Cattle Troughs, Rain-water Goods, Syringes, Tents, &c., &c.

HORTICULTURAL PROVIDERS.

#### Imperishable Terra-Cotta Garden Vases.

Buff Colour. Packing charged at cost. Lotus Leaf Vasc.



COOPER LONDON No. 559. 17in. high, 20in. wide. PRICE 16s. 6d.

Enriched Vase.



No. 560.—25in. high, 18in. wide. PRICE 19s.

Triton.



No. 561.

36in. high, 15in. wide. PRICE £4 15s.

HORTICULTURAL PROVIDERS.

#### Imperishable Terra-Cotta Garden Vases.

Buff Colour. Packing charged at cost.

Enriched Vase.



No. 562.

17½ in. high, 18in. wide. PRICE £1 2s. 6d.

Lion's-head Bowl.



No. 563.

23½in. high, 30in. wide. PRICE £2 7s. 6d.

HORTICULTURAL PROVIDERS.

#### The Lawn Mower,

AND THE WORLD'S BEST, IS

COOPER'S "BEATALL."



No. 561.

The Lightest Running Mower in the World.

For General Efficiency it cannot be surpassed.

Excels for Fine Quality of Material and Finish, Simple Adjustments, no Clogging with Grass, and Smooth Cutting.

The Mower that CUTS. Some Mowers Cut PROFITS, this one Cuts GRASS.

IT CUTS Long or Short
Thin or Thick
Wet or Dry
Weak or Strong
Any Kind
Every Kind
All Kinds of

GRASS.

#### PRICES:

8in., 16s. 6d.; 10in., 18s.; 12in., 20s.; 14in., 22s.; 16in., 23s. 6d.; 18in., 26s.

Grass Boxes: 8in., 4s. 6d.; 10in., 5s.; 12in., 5s. 6d.; 14in., 6s.; 16in., 6s. 6d.; 18in., 7s.

HORTICULTURAL PROVIDERS.

#### Special Garden Hose.



No. 565.

In 60ft. lengths complete, with selffitting Tap Union and Branch Pipe with Rose and Jet.

INTERNAL DIAMETER. in. s. d. 15 6 şin. s. d. 19 0

#### Hose Fittings.



Plain

Wire-armoured

No. 566.

Union Joint.

½in., 11d.; 5in., 1s. 2d.: 3in., 1s. 5d. each.



No. 567.

Self-fitting Tap Union.

 $\frac{1}{2}$ in., 1s. 2d.;  $\frac{5}{8}$ in., 1s. 6d.;  $\frac{3}{4}$ in., 2s.; 1in., 2s. 6d. each.

No. 568. WITH JET. ½in., 2s. 3d.; 5in.,





No. 569. FIXED JET. WITHOUT TAP.

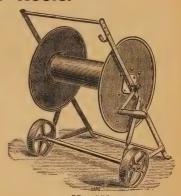
 $\frac{1}{2}$ in., 1s. 5d.;  $\frac{5}{8}$ in., 1s. 9d.;  $\frac{3}{4}$ in., 2s. each.

No. 570.

**Tube Hose Connections.** ½in., 3d.; §in., 3½d.; ¾in., 3½d. each.

#### Hose Reels.

These are made of Wrought Iron with the exception of Wheels, which are Cast. Are indispensable in large gardens where there is a water supply. They preserve the Hose, and when not in use are easily stowed away.



		TVO.	5/1.	s.	d.
No. 1—To carry 120ft. ½ Hose				 7	0
No. 2—To carry 120ft. 3 Hose	1000			 9	6
No. 3—To carry about 180ft. 3 H	ose			 10	6
Larger Sizes can b	e had if	requir	ed.		

#### Wood Water Barrows.

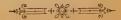


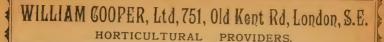
No. 572.

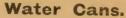


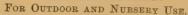
With Strong Iron
Wheels and Handles,
also Improved Inside
Rim to prevent
splashing.

40 gallons.
PRICE 30s.











				S.	d.					-	d.
1 gallon				2	7	- 1	$2\frac{1}{2}$	gallons	 	 3	6
12 ganon	o			4	TO		()	,,	 	 3	10
2 ,,	• • •	2	• • •	3	2	-	4	,,	 	 4	9

#### Water Cans.

FOR GREENHOUSE USE.

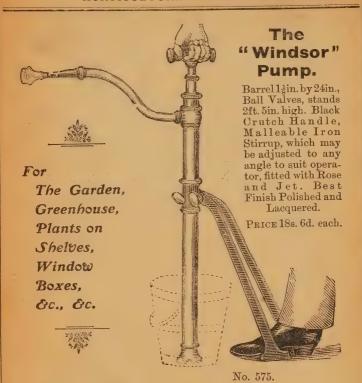
No. 574. Well Made. Very Strong and Light.

PAINTED.

No. 1				•••	½ gall.
,, 2		2	3		ĩ ,,
,, 3	•••	3			2 ,,
4		- 3	9		21



HORTICULTURAL PROVIDERS.



#### Maranhah Iran Taha Otan dan d

Manufactured in strong wrought Tubing with wrought Flange at bottom to go into concrete or ground, and malleable iron Plate to screw on to wood at top.

HORTICULTURAL PROVIDERS.

#### Strawberry Watering Can.



No. 577.

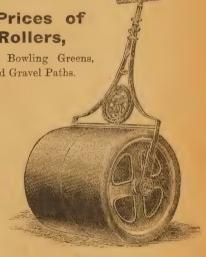
No. 1...... 2s. | No. 2.... 2s. 6d. | No. 3..... 4s.



# Reduced Prices of Patent Rollers,

For Lawns, Drives, Bowling Greens, Cricket Fields, and Gravel Paths.

Improved Design, rounded Edges, Balance Handles, double Cylinders, machine-faced and turned Edges. The Handle does not project beyond the end, so that the Roller can be used close to the edge of a flower bed or near to a wall.



#### No. 578.

Size.	£ s.	d.	Size.		£ s.	
14in. by 14in.			24in. ,,			
16in, 16in.	 2  0	0	26in. ,,	26in	4 10	0
18in. " 18in.	 2 2	6	28in. "	28in	5 17	6
20in, 20in.	2 7	6	30in. "	32in	7 0	0
99im : 99im	9 13	6				

The Bathing Tent.

Extra Stout Frame of great strength.

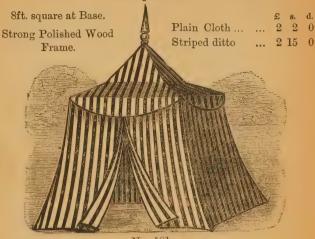
7ft. square at Base. Plain Cloth, 39s. 6d.

No. 579.



Plain Cloth, with projecting Awning ... £2 0 0 Striped ditto... ... ... ... £2 7 6



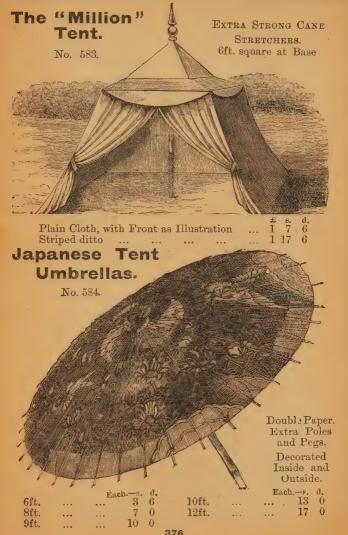


No. 581.

#### The "Rival" Tent.



# WILLIAM COOPER, Ltd, 751, Old Kent Rd, London, S.E. HORTICULTURAL PROVIDERS.



HORTICULTURAL PROVIDERS.

#### Hyacinth Glasses.

Blue, Green, Amber, Crystal.

5s. 6d. per doz.

#### Orchid Baskets (Teakwood).

4 5 6 7 8 9 10 11 12 in. 11s., 13s., 16s., 18s. 6d., 21s., 25s., 28s. 6d., 35s., 40s. per doz.

#### Trug or Garden Baskets.



No. 585.

			Per	doz.					Per d	oz.
in.	in.		g.	d.	in		in.		s.	
71 by		 	6	0	17	1 by	$9\frac{1}{2}$	 	13	0
$11\frac{7}{2}$ ,,		 	7	6	20	$\frac{1}{2}$ ,,	10분	 	15	0
$13\frac{1}{2}$ ,,			9	0	28	} ,,	12	 	18	0
15 ,,			10	6					21	0

Sizes 1 to 7 have legs, the No. 8 has bands round instead.

#### Flower Sticks and Labels.





No. 586.

No. 587.

No. 586. Flower Sticks (Plain):

1 1½ 2 2½ 3 3 3½ 4 4½ 5 ft. 4s. 6d., 7s., 12s., 15s. 6d., 20s., 25s., 35s., 42s., 55s. per 1000. Dahlia or Rose Stakes, Square, Painted Green, and Tarred Ends.

4ft. 5ft. 6ft. 30s. 35s. 45s. per gross.

No. 587. Wood Labels (Plain):

**8** 3s. 6d., 3s. 9d., 5s., 6s., 9s., 10s., 12s. per 1000.

#### Fruit and Rose Tree "Acme" Labels.

Made on Hard Rolled Zinc. Raised Letters on Black Ground. No Writing Required.

No. 588.

Made on Hard Rolled Zinc.

1s. 9d. per doz., or 18s. per gross.

Only the names of Fruit Trees in the Lists of the principal English growers supplied in this shape.



Cast Labels for Roses.—No. 589.



Made in Commercially Pure Zinc, on Double Stem 14in. long.

Recommended for Bush Roses.

Any name, Foreign or English, can be made to this pattern.

Price 3s. per doz.

If for Hanging,
2s. 6d. per doz.

Labels for Roses.—No. 590.

The shapes, Nos. 588 and 589, are made for the names of Roses in the Lists of the principal English growers only.

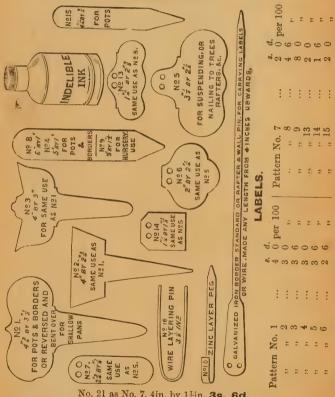


1s. 3d. per doz., or 12s. per gross. Aluminium or Lead Wire, 1s. per roll.

#### WILLIAM COOPER, Ltd, 751, Old Kent Rd, London, S.E. HORTICULTURAL PROVIDERS.

Zinc Labels, &c.

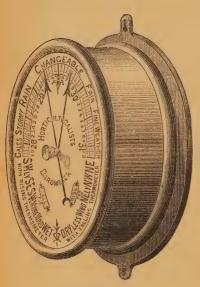
Labels are made from specially selected Zinc, and when written on with our ink, form a permanent record, and are practically Indestructible.



No. 21 as No. 7, 4in. by  $1\frac{1}{4}$ in. 3s. 6d.

Fiat Zinc Layer Pegs (No. 10).—1s. 3d. per Box of 100. Wire Verbena Pins (No. 16).—1s. per Box of 1 gross. Galvanised Iron Supports.—9in., 2s. 9d. per doz.; 18in., 3s. 6d. per doz.; 24in., 4s. 6d. per doz. Indelible ink.-6d. and 1s. per bottle.

Horticulturalists' Barometers and Thermometers.



No. 591.

Stout Metal Case, Porcelain Dial. Packed in Box, PRICE 16s. each.



No. 592.

Heat and Cold. Sixe's Enamelled Tube on Boxwood, with Grooved Magnet. PRICES: Sin., 4s. 6d.; 10in., 6s. 6d each.

#### Minimum Thermometer.



No. 593.

10in. Cast Metal.

PRICE 3s. each.

#### WILLIAM GOOPER, Ltd, 751, Old Kent Rd, London, S.E. HORTICULTURAL PROVIDERS.

#### Garden Scrapers.



24in. by 16in.

PRICE, 5s. 6d. each.

No. 594

#### Garden Grates and Frames.

4in. by 4in. 6in. by 6in. 8in. by 8in. 1s. 6d.

10in. by 10in. 2s. 6d.

12in. by 12in.



No. 595.

#### Galvanised Wrought-iron Garden Scrapers.



No. 596.

Angle-iron ends and centre.

15in. by 12in. 3s. 0d. 30in. by 13in.

#### COOPER, Ltd, 751, Old Kent Rd, London, S.E. HEAAM

HORTICULTURAL PROVIDERS.

# Make. Best Brass Syringes.

SYRINGE, PLAIN FITTINGS, BEST QUALITY. GARDENER'S



No. 597.

18in. by 12in. PRICE 10s. 6d. each. Polished Black Handle.

Two Roses and Jet.

Highly Polished and Lacquered

# PLAIN FITTINGS, HEMP PACKING.



18in. by 11in. PRICE 6s. each. Polished Black Handle. No. 598. Highly Polished and Lacquered.

PLAIN FITTINGS



18in. by 1½in.

Polished Black Handle.

Highly Polished.

PRICE 5s. 6d.

HORTICULTURAL PROVIDERS.

# KNOCKABOUT SYRINGE.



Extra Large Hole. Jet only. Extra strong Barrel, Jet on by 12in, Price 5s. 9d. each, No. 600. 18in. by 1½in. Spray made by the finger.

# PLAIN SYRINGE.



PRICE 3s. each. 18in. by 1½in. Plain Finish. Red Handle. No. 601. Screwed Rose and Jet.

# PLAIN SYRINGE.



Red Handle. Plain Finish. Fixed Rose.

18in. by 1½in.

PRICE 28. 9d.

HORTICULTURAL PROVIDERS.



No. 603.

No. 605.

lin., 1½in., 1½in., 14s. cwt. | No. 1, 1s. 6d., No. 2, 2s., No. 3, 2s. 3d.

#### Fern Case.



Price each. Width. Length. Width. Price each. Length in. in. 13 24 14 16 16 15 26 18 1 19 16 22

These Fern Cases are strongly and neatly made, glazed with good clear glass. Any Size or Shape made to order. Packing Cases, up to 22in. long, 2s. 6d.; up to 30in. long, 3s. extra (not returnable).

HORTICULTURAL PROVIDERS.

# Planed Extended Trellis or Lattice Work.



Open.

Closed.

No. 607.

Made of Best Yellow Deal. For Climbing Plants, Lawn Tennis and Croquet Lawns, training Creeping Plants, Fruit Trees, Shrubs, adding height to walls. It also makes a capital Screen for Dustbins, &c.

#### PRICES:

No.	Size when Closed.				Closed. Open.						
2		$2\frac{1}{2}$	by 2		12 by 1½	•••		s. d. 2 0			
3		$2\frac{1}{2}$	,, 3		12 ,, 2			3 0			
4		$2\frac{1}{2}$	$,, 3\frac{1}{2}$		$\frac{12}{2}$ ,, $\frac{21}{2}$		•••	3 6			
5		$\frac{21}{2}$	,, 4		12 ,, 3	• • •	• • •	4 0			
6		25	,, 4년	•••	$\frac{12}{10}$ ,, $\frac{31}{2}$	***	•••	$\begin{array}{cccccccccccccccccccccccccccccccccccc$			
9		$\frac{2\frac{1}{2}}{2\frac{1}{2}}$	$\frac{1}{61}$	•••	$\begin{array}{cccccccccccccccccccccccccccccccccccc$	• • •	•••	$\begin{array}{cccccccccccccccccccccccccccccccccccc$			
11		$\frac{2}{2^{\frac{1}{2}}}$	$\frac{1}{1}$ , $\frac{6}{2}$	•••	12 ,, 6	•••	•••	8 0			

Size of Laths, 1in. by 1in.

#### Garden Border Edging.



No. 608.

No. 609.

PRICE per 100, 9s.

PRICE per 100, 17s. 6d.

Special quotations for large quantities.

HORTICULTURAL PROVIDERS.



No. 610.

#### Aphis Brush.

ALL BRISTLE.

Brass Spring, Lacquered. PRICE 1s. 6d. each, post free.

611.

#### Ladies' Floral Syringe,

For Fern and Window Cases, &c.

					1	Vo.	-
No 1 St	in.	in.		8.	Ó	1.	

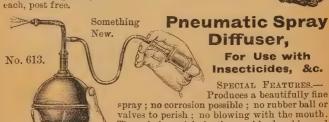
		Size,				***	•••	***	. 0	11	each.
22 ~	2	22	8	22	5	***		***	1	2	79
		22				4.00	***	***	1	5	99
22	4	22	12	29	78	ei.		***	1	9	22

Plain Finish. Polished Rosewood Handles. Very Fine Holes. Screwed Roses.

#### Patent Leaf Sponger.

The only effectual means for sponging leaves without risk of tearing. Cleans both sides of the leaf at once. Fine soft Sponges. Brass Spring, Lacquered, 1s. 3d.





Diffuser, For Use with

Insecticides, &c.

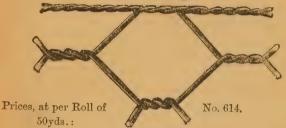
SPECIAL FEATURES .-Produces a beautifully fine spray; no corrosion possible; no rubber ball or valves to perish; no blowing with the mouth. The whole article is thoroughly durable, and warranted for twelve months.

Highly-polished Brass Jet and Air Pump and Copper Bottle ... ...

It is equally useful for distributing Bay Rhum for Home and Hairdressers' use, and also for Spraying Disinfectants and Deodorizers in sick rooms and hospitals.

# WILLIAM GOOPER, Ltd, 751, Old Kent Rd, London, S.E. HORTICULTURAL PROVIDERS.

# Best Quality Galvanised Wire Netting.

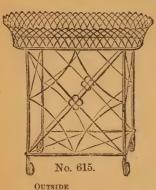


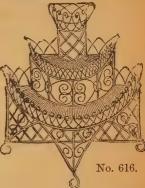
		009	out o		<b>S</b>					
Mesh.	Gauge.	1ft. WIDE,	lft.6in. WIDE.	2ft. WIDE,	2ft. 6in WIDE,	3ft. WIDE.	3ft. 6in. WIDE.	4ft. WIDE.	5ft. WIDE.	6ft. WIDE.
(0)4	20 19 18	s. d. 6 0 7 8 9 0	s. d. 9 0 11 7 13 6	s. d. 12 0 15 5 18 0	s. d. 15 0 19 3 22 6	s. d. 18 0 23 1 27 0	s. d. 21 0 27 0 31 6	s. d. 24 0 30 9 36 0	s. d. 30 0 38 6 45 0	s. d. 36 0 46 2 54 0
lin.	20 19 18 17	4 10 5 5 6 7 9 4	7 2 8 2 9 10 14 1	9 7 10 11 13 1 18 9	12 0 13 8 17 6 23 5	14 5 16 4 19 8 28 2	16 9 19 1 23 0 32 10	19 2 21 9 26 3 37 6	24 0 27 2 32 10 46 10	28 8 32 8 39 5 56 3
	19 18 17 16	3 7 4 4 5 5 7 2	5 6 6 6 8 2 10 8	7 2 8 8 10 11 14 3	9 11 10 10 13 8 17 10	10 9 13 0 16 3 21 4	12 6 15 1 19 0 25 0	14 3 17 3 21 9 23 6	17 10 21 7 27 3 35 7	21 4 25 10 32 7 42 9
2in.	19 18 17 16 15	2 8 3 4 4 5 5 8 6 11	3 11 4 11 6 8 8 5 10 5	5 3 6 7 8 10 11 3 13 11	6 7 8 3 11 1 14 1 17 5	7 10 10 10 13 3 16 10 20 9	9 3 11 6 15 6 19 9 24 3	10 6 13 1 17 7 22 6 27 9	13 1 16 6 22 1 28 1 34 8	15 9 19 8 26 5 33 9 41 7
2} in.	19 18 17 16 15	2 6 3 2 3 11 5 1 6 5	3 9 4 8 5 11 7 8 9 7	4 11 6 2 7 11 10 2 12 9	6 2 7 9 9 11 12 8 15 11	7 3 9 3 11 9 15 1 19 1	8 6 10 10 13 10 17 9 22 4	9 9 12 4 15 9 20 3 25 6	12 3 15 6 19 8 25 4 31 10	14 7 18 7 23 7 30 4 38 3
3in.	19 18 17 16 15 14	2 3 2 7	3 3 3 10 4 11 6 2 7 4 8 10	4 4 5 1 6 7 8 3 9 9 11 10	5 5 6 5 8 3 10 4 12 2 14 9	6 6 7 7 9 10 12 4 14 7 17 9	7 7 8 10 11 6 14 5 17 1 20 10	8 7 10 1 13 1 16 6 19 6 23 7	10 10 12 8 16 6 20 7 24 4 29 7	13 0 15 2 19 8 24 9 29 3 35 5
4in.	17 16 15 14	::	3 10 4 6 5 11 7 1	5 1 6 0 7 11 9 5	6 5 7 6 9 11 11 9	7 7 9 0 11 9 14 0	8 11 10 6 13 10 16 6	10 1 12 0 15 9 18 9	12 9 15 0 19 8 23 6	15 3 18 0 23 7 28 1

Special quotations for quantities.

HORTICULTURAL PROVIDERS.

#### Wire Flower Stands.





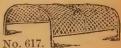
4	OUTSIDE						60			
	ASUREME		Japanned	Wie	dth.	He	ight.	J	Jap. G	reen
Length.		Height.			in.	ft.	in.		8.	d.
2ft. 6in.	11in.	2ft. 6in.	5s. 9d.	3	0	 3	0		13	6
3ft. 0in.	11in.	2ft. 9in.	6s. 6d.	3	6	 3	6		15	6
3ft. 6in.	11in.	3ft. 0in.	7s. 6d.	4	0	 3	6	***	19	6

Packing Crate, 1s.

Packing Crate, 2s.

#### Galvanised Seed Guards.

1ft. 6in. square, 5s. per doz. Separate end-pieces, 2s. 6d. per doz. Extra size, 6ft. long, 1ft. 6in. wide, 12in. high, 2s. each. Ends, 3d. each.



#### **Galvanised Strawberry** Protector.

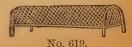


No. 618.

15in. diameter ... per doz. 6s. Single ring protectors with 18. 4 pegs

#### Galvanised Pea Guards.

3ft. long, two ends to each doz. Per doz. ... 2s. 9d. Per gross ... 30s. Extra end pieces 6d. per doz.



HORTICULTURAL PROVIDERS.

#### Garden Arches.



These arches are strongly recommended. and give an artistic finish to any Garden. Lawn, &c.



No. 621.

ft.	in. ft.	in. ft.	in.	s.	d. ft.	in. ft.	in. ft.	in, s.	d.
7	0 by 4	0 by 1	0	4	6   7	0 by 4	0 by 1	0 6	6
								6 11	
								0 19	

#### Wire Hanging Baskets.

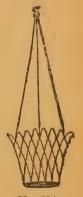


No. 622.

12in. dia. 2 6 each. 15in. ., 3 9 18in. "



No. 623.

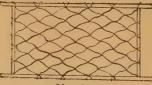


No. 624.

10in. diameter, Sin. dia. 0 9 each. 1s. 3d. each. 10in. ,, 1 0 ,,

#### Corrugated Diamond Lattice.







No. 625.

With strong frame all round, and made in pieces of any required dimensions.

Suitable for training plants in conservatories, against walls of houses, keeping dogs out of gardens, window guards, &c., &c.

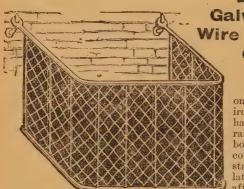
2in. mesh, strong, 4d. per square foot.

Other sizes in smaller or larger mesh and strengths quoted for-

#### Galvanised Cat Guards.

For preventing cats walking along walls and

in. 12 1/1	in. 15 1/4	1ndow s in. 18 1/7	in. 21 2/-	in. 24 2/6	
	N	o. 626.			



Galvanised Wire Manure Guards.

No. 627.

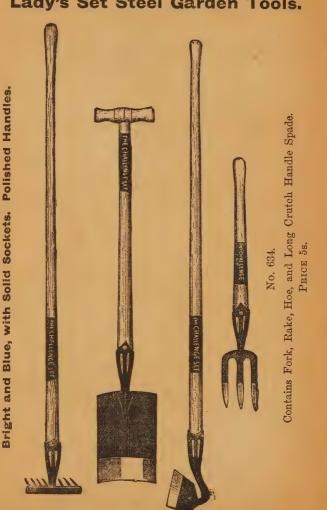
These are made on strong wroughtiron frames, with half - round top rails, strong flat bottom rails, and covered with very strong diamond lattice, galvaniscd after made.

Width.		Height.		Projection.		Price.
ft. in.		1t. in.		ft. in.		£ s. d.
4 0		3 0				1 14 0
4 6			Seen against		· · · · · · · · · · · · · · · · · · ·	2 12 6
5. 0		4 0.		2 9		2 12 6
6 0	***************************************	4 0.		3 0		3 0 6



#### WILLIAM GOOPER, Ltd, 751, Old Kent Rd, London, S.E. HORTICULTURAL PROVIDERS.

#### Lady's Set Steel Garden Tools.



HORTICULTURAL PROVIDERS

#### Serpentine Garden Fountain.

New!

Effectual! Unbreakable!



No. 635

Placed on the Lawn, will throw the water 20ft. to 40ft., according to power. Can be fixed to any ordinary hose. Used as a rose has all the effect of rain.

PRICE 3s. Post free, 3d. extra. Buy One and Astonish Your Friends.

Pruners

Superior Make and Finish,

#### Garden Pencils.

Indelible for marking Wood Labels. 3s. 6d. per doz.

#### Tissue Paper.

For packing Fruit and Flowers. Per Ream: White, 4s. 3d.; Blue, 4s. 6d.; Pink, 5s.

#### Brown Paper.

Strong, for general use. 21s. 6d. per cwt.

#### Wood Wool.

Fine, for packing choice Fruit, &c. 40s. per cwt.

# New Register Field or Outdoor Iron Corn Bin.



5	bushel		***	* *** *		1 2	6
10	. 99		·		***	1 10	0
<b>1</b> 6	99 :	3 - * * * * * * * * * * * * * * * * * *	f ****	***		1 17	6
20	• • •	•••			/	2 10	0
32	99 `			2 / 2		3 5	0
40	99	A 1	***		***	4 0	0
50	,,					5 5	0

No. 637.

# Galvanised Corrugated Steel Cattle Troughs.

With heavy Safety Edge-band round Top.
This is the best Cattle or Horse Trough in use.

60	gallon		Deep. 22in.	 £ 1	s. 5	d. 0
80	"	1	22in.	 1	10	. 0
100	22		24in.	 1	12	6
120	,,	10.0	24in.	 1	17	6
150	••		24in.	 2	5	0
200	"		24in.	 2	15	0

It is useful in Field, Barton, or Stable Yards.



No. 638.

#### Galvanised Oil Cisterns.



		.0000 0.				£ s.	d.
40	gallon		476.6	4**		1 10	
M O	0					1 15	
	.21 .21	****		1.5	***	$\begin{array}{ccc} 2 & 0 \\ 2 & 5 \end{array}$	
80	"		• • •		• • •	$\frac{2}{2} \frac{3}{10}$	

Loose or Close Top.

No. 639.

With Taps.

# WILLIAM COOPER, Ltd, 751, Old Kent Rd, London, S.E. HORTICULTURAL PROVIDERS.

# Round Galvanised Corrugated Iron Corn Bin.

Light and Strong.

4	bushel		•••	,	£	s. 17		
6	,,	***	*** ;	***	1	2	6	
8	,,,	***		•••	1	5	0	



No. 640.

#### Rectangular Galvanised Iron Corn Bins.



No. 641.

				£ s.	d.
	bushel			1 2	6
6 8	,,			1 5	0
12	,,	***	• • • •	1 12	6
16	,,	• • •		$\begin{array}{ccc} 2 & 0 \end{array}$	0
20	,,			2 10	0
30	22	• • • •	• • •	$\frac{3}{2}$ 10	0
40	"	•••	***	5 5	0
10	2.2			6 10	0

Partitions, 5s. each extra.

#### Galvanised Iron Corner Bin.



WITH SHELVES.

Very Useful.



4 bushel ... ... 1 12 6 6 ,, ... ... 1 17 6

8 ,, ... ... 2 2 0



No. 642.



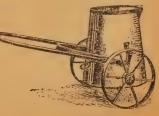


# Strong Galvanised Iron Water Barrow.

		£	s.	d.	
20	gallons	 1	12	0	
30		 1	15	0	
40	,,	 2	5	0	

Improved Galvanised Iron Water Barrow.

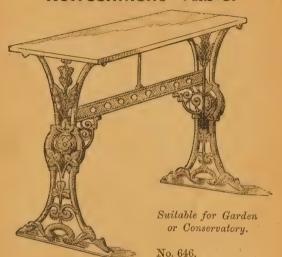
		ti	s.	d.
20	gallons	 1	17	6
30		 2	5	0
40		 2	12	6



No. 645,

HORTICULTURAL PROVIDERS.

#### Marble Top Solid Iron Frame Refreshment Table.



				2	S.	u.
36in. by 20in.		 		1	6	0
42in. by 21in.		 ***		1	8	0
48in. by 22in.	***	 	•••	· 1.	12	0
54in. by 24in.						

Makes a handsome Stand for Plants in Hall or Room.



## Portable Copper or Furnace Pans.

These are self-setting and can be placed anywhere. Burn Wood, Coal, Coke, or other Fuel.

Sheet Iron with Galvanized Pans.

#### PRICES.

6gals. 8gals. 12gals. 16gals. 25gals. 17/6 21/- 27/- 35/- 55/-

Brass Draw-off Cocks, 5/- extra.

HORTICULTURAL PROVIDERS.

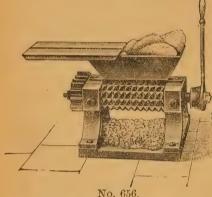
## Ornamental Cast-iron Shelf Bracket.





HORTICULTURAL PROVIDERS.

### Patent Poultry Grit Crusher.





Do you wish to keep your Poultry in perfect health? Then use the Novelty of the age!



Saves time Saves trouble S

Saves time. Saves trouble. Saves annoyance. Saves expense. Crushes fine or coarse. Everlasting wear. Child labour only. Entire absence of danger to the eyes from flying chippings. The labour a pleasure.

Crush your own grit from your old crockery, glass, shell,

and other refuse. The best of grit.

Why buy grit when a child can crush in a few minutes all that is required—thereby keeping your poultry in health and increasing your egg supply? Why throw away your breakage refuse when you can put it to good account—thereby saving labour in disposing of it?

PRICE 16s. each.

Order at once! Don't delay! And so save disappointment.

### Imperial Black Varnish.



For Iron Fences, Wood Palings, Farm Buildings, Poultry Houses, &c.

18 gal. casks, 20s.; 36 gal. casks, 34s.; Casks included. Carefully packed on rail. Casks not returnable.

1 gal. 1s. 6d. (can 6d.); 5 gal. 5s. (can 2s.).

HORTICULTURAL PROVIDERS.

## The "Household" Chimney and Drain Machine.



With 30ft. of Best Malacca Canes, in 3ft. lengths, Double Worm Screw, Brass Clearing Wheel, 4in. Indiarubber Plunger, Archimedean Screw, Chimney Sweep's Brush, and pair of Straps. Specially designed for Country Mansions, Hotels, Farms, and Private Houses. The chimney can be swept, or a choked drain cleared by any man employed about the place.

Price, Complete as shown ... £1 12s. 6d.

#### Gardener's Plant Barrow.



Well and strongly made, and painted two coats best oil colour.

Size.
3ft. by 2ft. 15s.
4ft. by 2ft. 3in.
20s.

5ft. by 2ft. 6in. 27s. 6d

### Driving Scrapers.

No. 659.

 $17\frac{1}{2}$ in. by  $7\frac{3}{4}$ in.

PRICE 1s. 6d. each.



#### Rot-Proof Composition.

For Farm Buildings, Poultry Houses, &c. Cheaper and more lasting than paint.

5gals. 10s.; 10gals. 17s. 6d.; 20gals. 30s.; 40gals. 50s. Cans and casks included.

HORTICULTURAL PROVIDERS.

#### Rain-Water Goods.

HALF ROUND GUTTERING.

RAIN WATER PIPER ANGLE O. C. GUTTERING. ANGLE NOZZWE

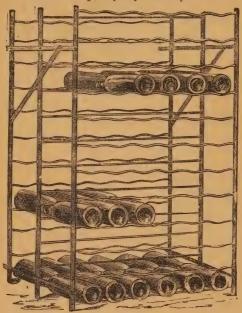
opcolar ga	0.00		3 10		u Sc	Que		LICO.
		2½in. s. d.	3in. s. d.	3½in. s. d.		4½in. s. d.	5in. s. d.	.6in. s. d.
Half-Round Gutters 6ft.						D1 011	O. C.	
lengths				1 0	1 0	1 1	1 3	- per yd.
Angles and Nozzles			_	1 3	1 4	1 7	1 8	- each.
Stop Ends				0 34	0 4	0 5	0 54	- 21
Loose Clips	-	_	_	0 5%	0 6	0 64	0 75	- ;;
O. G. Gutters, 6ft. lengths	-	-		1 2	1 2	1 3	1 42	- per yd.
Angles and Nozzles	bereit			1 5	1 6	1 10	2 0	- each.
Stop Ends				0 31/2	0 41	0 54	0 6	11
Loose Clips	2			0 8	0 8	0 11	1 0	- ,,
Pipes, 6ft. lengths	1 3	1 41	1 71	2 0	2 3 3	3 0	3 3	4 4 per yd.
Heads, flat or angle	1 10	2 1	2 6	3 0	3 3	4 8	5 6	7 0 each.
Shoes	1 1	1 3 2 3	1 5	1 10	2 2	3 0	3 9	5 3 ,,
Boots	2 0	1 7	2 8 2	3 0	3 6	_	_	11
		1 7	2 2 2 2	2 8 2 3	3 0		-	- ,,
Elbows, square or obtuse Branch Pipes	1 10	2 3	3 0	2 3 5	2 11	_		11
Loose Sockets	0 9	0 10	1 1	1 4	4 0		_	,,
Swan Necks, 3in.								,,
projection /	1 6	1 7	2 0	2 5	3 0	******		<b>—</b> ,,
", 4½in. & 6in. "	1 8	2 0	2 7	2 8	3 4		_	,,
,, 9in. ,,	2 3	2 6 3 1	3 0	3 6	4 6	-	_	,,
,, 12in.	2 8	3 1	3 6	4 6	5 3	-		,,
,, 15in. ,,	3 3	3 7	4 4	5 3	6 3	-		,,
,, 18in. ,,	3 8	4 4	4 10	6 0	7 0		_	,,
C11 . 4 2 . 42 . C C1 4 .	77 .		9.3					

Short lengths of Gutter, 3in. to 4in., 1d. per yard extra; 44in. to 6in., 2d. per yard extra. Piping, 2in. to 4in., 2d. per yard extra; 44in. to 6in., 3d. per yard extra. Gutter Bolts and Nuts, 4s. 6d. per gross, 6d. per doz. Pipe Nails, 6s. per gross, 8d. per doz.

# WILLIAM GOOPER, Ltd, 751, Old Kent Rd, London, S.E. HORTICULTURAL PROVIDERS.

#### Bottle Racks.

- Made to pack flat for transport.



No. 661.

#### Single, to Fasten to a Wall.

To		dth:	Heig			Dep			
hold	ft.	in.	ft.	in.		ft.	in.	S.	đ.
6 doz.	 2	0	 - 4	0	4.4(4	1	0	 10	0
9 doz.	 2	6	 4	6		1	0	 15	0
12 doz.	 3	9	 4	0		1	0	 20	0

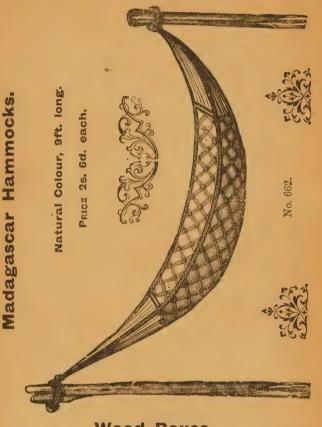
Larger sizes made to order, to fit recesses, at 1s. 9d. per doz. bottles.

#### Double, to Stand by Itself or to Fasten to a Wall.

То	Width.	Height.	Depth.		
hold	ft. in.	ft. in.	ft. in.	S.	d.
6 doz.	 2  0	 2  0	 1 7	 9	0
12 doz.	 2 0	 4 0	 1 7	 17	6

Larger sizes made to order, at 1s. 9d. per doz. bottles.

HORTICULTURAL PROVIDERS.



### Wood Boxes.

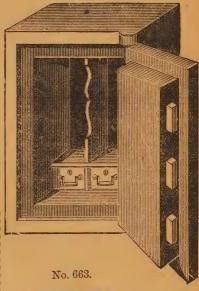
									Per d	loz.
			in.		in.		in.		S.	d.
For moding	Peaches for 1	Controt !	$12\frac{1}{2}$	by	$10\frac{1}{2}$	by	4		8	6
For packing	1 caches for 1	Haiket.	121	,,	$12\frac{1}{2}$	,,	4		15	0
	Strawberries		$17\frac{1}{2}$	,,	$11\frac{1}{2}$	,,	$3\frac{5}{4}$		12	0
23	Burawberries	99	21	,,	$12\frac{1}{2}$	,,	$7\frac{1}{2}$		17	6
22	Cut Flowers	22 1	$22\frac{1}{2}$	,,	14	,,	$5\frac{1}{2}$		16	0
22	Cucumbers	,,	21	.,,	15	,,,	8	• • •	18	0

HORTICULTURAL PROVIDERS.

# Wrought-Iron Fire and Burglar Proof Safes.

These Safes are made from 13 gauge body plates and \$\frac{2}{3}\$in. boiler plate doors, fitted with 2, 3, and 4 bolts in front, and same dogs in back, according to sizes. Fire resisting walls are \$3\$in. to \$3\$\frac{1}{2}\$in. making them perfectly fire and thief resisting, and fitted with a good 6 lever powder proof unpickable lock, making them a good and reliable Safe for the million.

				£	S.	d.
20	14	147		(3	5	0
22	16	16	1 Drawer .	3	12	0
24	18	18		(3	18	0
26	19	19		14	4	0
28	20	20	2 Drawers -	) 4	10	0
30	22	22	Diaweis .	5	2	0
32	24	24		(5	14	0
34	26	24)	2 Drawers,	16	0	0
36	26	26	2 Shelves.	7	4	0
40	28	26	or 2	8	2	0
44	30	28	Partitions	9	6	0
43	30	23)	Larunions	(10	8 (	0



SINGLE DOOR

#### Iron Garden Wheelbarrow.

Painted Frame, Galvanised Body.



in. in. £ s. d. 20 by 24 ... 0 15 6

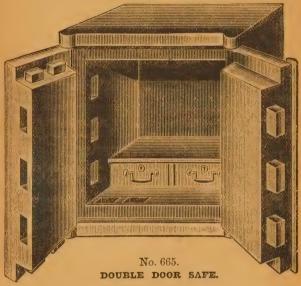
22 ,, 26 ... 0 18 0

24 ,, 28 ... 1 0 0

No. 664.

HORTICULTURAL PROVIDERS.

## Wrought-Iron Fire and Burglar Proof Safes.

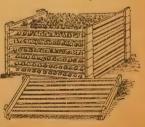


_				
24 '	24	10)	£ s. 5 14	đ. 0
26	26	10 19 2 Drawers	6 6	0
23	28	20	7 10	0
30	30	22)	7 16	0
32	32	24	8 8	0
31	34	24 2 Drawers, 2 Shelves, or 2 Partitions	9 0	0
36	36	26	0 10	0
40	40	25/	2 0	0

# Improved Fruit Storing Trays.

PRICE 15s. per doz.

No. 666.



### Cooper's Lubricating Oils.

For Railway, Steamship, Colliery, Tramway, and Omnibus Companies, Ironfounders, Engineers, Manufacturers, &c.

Our Oils are Highly Recommended as Cheap and Effective Lubricants.

oř.			Machinery	Drum Lent.	Cask Free.
Grades.	Brand.			Per Gallon (12 Gallons).	Per Gallon (Per Cask, 40 Gallons).
1	w.c.	Lubricating Oil	Light	s. d. 1 3	s. d. 1 0
2	W.C.L.	299	Medium	1 6	1 3
3	W.X.C.	23 - 7 - 25 - 7	Heavy	1 9	1 6
4	C.L.C.	Cylinder Oil	· \—_; ;	1 6	1 3
5	L.C.W.	Black Cylinder Oil	-	1 3	1, 0
6	C.W.L.	Engine Oil		1 6	1 3

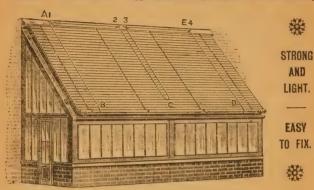
Less quantities than 12 gallons are supplied, but 3d. per gallon extra must be added. Casks free. Kegs and drums lent and charged, but allowed for if returned in good condition carriage paid.

The above prices are based on market rates, and being cut fine are subject to fluctuations.

Our Oils are most highly spoken of, and their superior quality is admitted by large users throughout the Kingdom.

Special quotations for large quantities.

#### Lath Roller Greenhouse Blinds.



No. 667.

They are very durable. They are flexible and easily rolled up. They can be taken off and put on without difficulty. They can be left on during winter months as a protection against frost. The spaces between the laths admit the requisite amount of light. They are a protection against hailstorms, and are not blown about by the wind. The sun's rays are diffused, and pass in broken succession over the plants in a way most beneficial to them without burning the leaves.

# PRICES: Best planed laths, painted two coats, and varnished, per foot super - - - - 7d. Best unplaned laths, not painted - - - 5½d.

The above prices include the necessary lath roller, cord hooks, cleats, and pulleys.

These blinds are supplied up to 16ft. long; beyond this length it is advisable to have two. But special Prices will be quoted for any length. Part of one foot in the length charged as one foot.

All painted blinds supplied green unless otherwise ordered.

## Directions for Fixing and Arranging Pulleys and Cords.

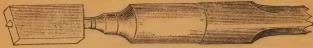
Fasten the cord to ridge of house at Point A, take it beneath the blind and roller to Point B, up through pulleys Nos. 1 and 2, and down to Point C, within hand reach, then up through pulleys No. 3 and 4, over the blind to point D, under roller and up to point E, where it is again fastened.

In ordering, send Lath length required from end to end, and drop length from ridge to eave plate, or if required, blinds can be fixed under ventilators so as not to interfere with the opening or shutting of same.

The above prices do not include fixing.

HORTICULTURAL PROVIDERS.

#### Glaziers' Diamonds.



No. 668.

Every Diamond sold by us we guarantee finest quality, and made by us. Buy of the Manufacturers.
7s. 6d., 10s. 6d., 15s., and 21s. each, post free.

#### American Glass-Cutter.



With Black Ebonised Handle. 1s. each, post free.

## Protector for Early Peas, Seeds, Plants, &c.



Here is a very useful arrangement to protect seeds, early peas, plants, &c., from bad weather and birds until well above ground. They consist of two slabs of wood, each 3ft. long (rabbeted for glass), 5in. deep, with strips fixed at each end to go down into ground. They may be placed

any distance apart, so as to take whatever size of glass available. Any number of slabs may be used according to length required. Painted with our Patent Rot-Proof Composition.

Per doz. Pairs of Sides (to cover 36ft. in length) ... ... 6s. 6d. Per gross Pairs of Sides ... ... ... ... ... ... ... ... £3.

One Pair of Ends included with each dozen Pairs of Sides. Extra ends, 6d. per Pair. Glass not included.

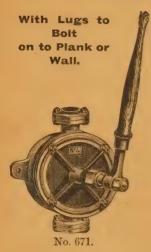
Sufficient 21oz. glass 7in. wide, 3s. 3d. per doz. pairs extra.

do. do. do. 35s. per gross.

Packing included.

HORTICULTURAL PROVIDERS.

## Patent Double-Acting Semi-Rotary Wing-Pump.



This Pump is the result of long and continued trials which have produced a system surpassing all others in durability, easy working, and simpleness of construction. The sizes 9, 10, and 11, when to be worked by hand, are provided with double levers. The wing only turning half way, and the spindle being well guided, the wear and tear of these Pumps is reduced to a minimum.

The Pump acts both as a Lift and as a Force Pump, and with the use of a Foot-Valve it sucks up to a height of 25ft.; the height of forcing may reach 110ft. If a Pump is fixed in a well, or has a greater length of suction than 4ft., a combined Holding-up Valve and Suction Rose is necessary.

All capacities stated in the following table are to be understood as made with a full stroke, with 3ft. suction and 3ft. forcing height.

These Wing Pumps are made of iron with brass wings, or entirely of brass or iron, in thirteen different sizes, for which the capacities and prices are given in the following table. Flanges up to No. 5 are oval, Nos. 6 to 11 circular.

To prevent bursting or bulging in frosty weather, see that the small Plug in the Face-plate is removed and Pump emptied by a few strokes of the lever.

No. of Size.	Aproximate Capacity per hour.	Minute.	Size of Suction and Delivery Pipes	Approximate	Cast Iron with Brass Valves.
0	270gal.	104	≟in.	10lb.	£1 4 3
1	390,,	100	3,,	13	189
2 3	540 ,,	88	1 ,,	13 ,, 17 ,,	1 14 3
3	660	, 82	11,,	26	2 2 0
4	980	80	14 .,	26 ,, 33 ,, 39 ,, 54 ,,	2 7 6
5	1140 ,,	72	1½ ,,	39	2 15 0
6	1500 ,,	58	1. 1	54	3 2 0
7	1860	56	2	63	3 17 6
8 9	2400 ,,	52	2 ,,.	63 ,, 95 ,,	4 12 6
9	3240	46	21	112	5 12 6
10	3690 ,,	40	3	153 .;	7 14 0
11	4390 ,,	40	2',, 2',, 2½,, 3',,	211 ,,	10 0 0

### Improved Garden Engine.

No Pump Leathers to get out of order.

All Working Parts of Metal.

Fitted with the SEMI-ROTARY Patent Pump







No. 672.

With strong Galvanised Iron Swing Bodies, Wrought Iron Framework and Wheels, Air Vessel, 6ft. of Hose, Water Director, complete, ready for use.

Capacity	Size of Pump.	Extreme	Iron Pumps	All
of		Width of	with	Brass
Tubs.		Engine.	Brass Valves.	Pumps.
12gal. 20 ,, 20 ,, 30 ,, 30 ,,	No. 0 ,, 0 ,, 1 ,, 0 ,, 1	26in. } 30 ,, } 32 ,,	£4 0 0 5 5 0 5 15 0 5 17 6 6 0 0	£4 10 0 5 15 0 6 6 0 6 10 0 6 18 0

N.B.—We always recommend the Brass Pumps for use with Garden Engines, and unless otherwise ordered these will be sent.

# Furnished and Unfurnished Bungalows at the Seaside. &c.

Clacton-on-Sea, Herne Bay, Shoreham, Souther d, up the Thames and Districts.

Rents from One to Ten Guineas Weekly,

TO BE LET OR SOLD.

We have a large number of these Bungalows, well built and very comfortable. Every convenience, furnished and unfurnished, and containing from two to ten Bed-rooms, besides Reception-rooms, &c.

Full particulars of those vacant upon application.

We have resident representatives who will be pleased to meet intending hirers or purchasers and show them round, by first making an appointment through our Head Office.

Arrangements, in most cases, can be made to purchase these Bungalows on the Instalment System—25 per cent. down, and the balance in weekly, monthly, or quarterly payments.

### Bicycle or Tricycle House.



No. 673.

Span-Roof.

Wooden Framework, covered with galvanised corrugated iron, 6ft. long, 4ft. wide, 5ft. high in centre. Fitted with wood floor and double doors in front, with good lock.

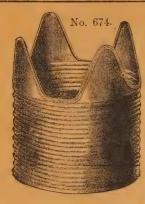
PRICE £3.

#### Lean-to House,

6ft. long, 4ft. wide, 5ft. high at back, 4ft. in front. Complete with floor.

PRICE £2 5s; if with wood back, 10/- extra.

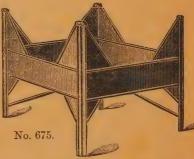
HORTICULTURAL PROVIDERS.



#### Round Corrugated Galvanised Cattle Crib.

- 20	-					
_	Ю,	т	~	~	E	CI

		æ 8.	α.
4ft. 0in.		 2 17	6
4ft. 6in.		 3 5	0
5ft. 0in.		 3 15	0
5ft. 6in.	•••	 4 10	0



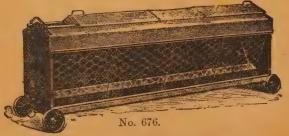
# Galvanised Iron Cattle Crib.

4ft. square.

PRICE £2 12s. 6d.

## The Improved (Registered) Sheep Rack

Is still the best Metal Rack obtainable at the price. Beware of miserable imitations.



PRICE, 9ft. long, £3 2s.

HORTICULTURAL PROVIDERS.

#### Cake

These Mills are fitted on Strong Iron Frames. They are fitted with Eccentrics to regulate the distance of the Rollers. so that seven sizes of Cake, suitable for Cattle, Sheep, or Calves, can be crushed in one Machine by moving the small They have a Screen and Receiving Box, and can be worked from either side. Can easily be worked by a boy.



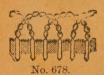
#### PRICES:

				£	S.	a.	
12in. H	lopper		W	2	7	6	
14in.	,,	12 B		2	12	6	
16in.	,,			3	0	6	

No. 677.

### Spiral Bordering

(Galvanised).



Each Arch can be easily fixed to any shaped Lawn or Flower Bed.

PRICES :

		s. d.	
9in. span	v ()	1 11	per doz.
12in. "		2 5	,,
15in		2 11	

#### Sash Tools.

English Make. Best Quality.

1 2 3 No. 0 4 2/9 3/3 3/9 4/6 6/- 8/3 10/3 per doz. 2/6 3d. 3½d. 4d. 4½d. 5d. 7d. 9d. 1/-No. 8 9 10 12 14 16

15/6 20/-28/-33/-40/per doz. 1/6 1/11 2/8 3/2 3/8

#### Copper Wire, Bound Ground Distemper or Paint Brushes.

Secured with Improved Copper Shoulders. Best Quality. English Make.

10 60% 12 61/-84/-74/-103/-93/-53/- per doz. 7/3 6/3 5/2 4/6 9/-

#### Chaff Cutter.



With fixed Mouthpiece lin. by 23in., and Tooth

7¾in. by 2¾in., and Tooth Rollers. The Fly-Wheel is 29in. in diameter, with 2 Blades, cuts 2 lengths. Weight about 1cwt. 3qrs.

r r r

PRICE

£2 2s. 6d.

With 40in. Fly-Wheel, 10s. extra.

### Root Pulper ("The Gem").

A Strong, Useful Machine.

e e e

"Four Knives."

Disc, 20in. diameter.

PRICE £2 2s. 6d.





No. 680.

#### Long Tar Brushes.

4ft. Handles, 1/3 each.

## Improved Low Stand Family Knife Cleaner.

No. 681.



To Cloop 9 Knives and 1 C		PRICE.			
To Clean 2 Knives and 1 Carver, a Most Useful Machine, and the Cheapest in					
the Market, with Brass Mounts To Clean 3 Knives and 1 Carver, with	1	7	6		
Brass Mounts	2	2	6		
To Clean 4 Knives and 1 Carver, with Brass Mounts	3	0	0		



No. 682.

### New & Improved Sack Trucks.

These are made of good sound Ash, Wrought-Iron Foot Irons and Plates. Well finished, and nicely varnished.

PRICE 13s. 6d.

